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By James Thum at 1:17 pm, Nov 15, 2021

IDAHO OIL AND GAS CONSERVATION COMMISSION

SUNDRY NOTICE

NAME OF OPERATOR: Snake River Oil and Gas Date: 11-15-2021

Address: P.O. Box 500

City: Magnolia State: AR Zip Code: 71753 Telephone: 870 234 3050

Contact Name: Nathan Caldwell Email Address: caldwell.nathan@weiser-brown.com

(secondary) Clint Harman - 713-822-3167 - clint.harman.cons@outlook.com

Well Permit Number: 11-075-20037 Lease and Well Name (if different): FALLON 1-11

USWN / API Number: 11-075-20037 Type of Well: Oil Well _____ Gas Well X Other _____

Field and Reservoir (if wildcat, so state): Wildcat County: Payette

Well Surface Location: Section: 11 Township: 8N Range: 5W (or block and survey)

(give footage from Section lines): 185' FSL of Section 11 & 813' FEL of SW 1/4 Section

Latitude/Longitude (Dec Degrees): N44.040310 / W116.906395 Datum: WGS84 X NAD83 ____ NAD27____

Type of Submission: Notice of Intent X Subsequent Report ____ Final Abandonment Notice ____

Type of Action: Acidize ____ Alter Casing ____ Casing Repair ____ Change Plans ____ Convert to Injection ____

Deepen ____ New Construction X Hydraulic Fracturing ____Plug and Abandon ____ Plug Back ____

Production (Start/Resume) ____ Reclamation ____ Recompletion ____ Stimulation Test ____

Temporarily Abandon ____ Water Disposal ____ Water Shut-off ____ Well Integrity Test ____ Other ____

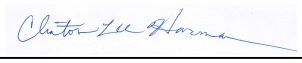
Describe the proposed or completed operation, clearly stating all pertinent details including estimated starting date of the proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach a copy of the Bond under which the work will be performed or provide the Bond No. on file with IDL. Required subsequent reports shall be filed within thirty (30) days following completion of the involved operations. Final Abandonment Notices shall be filed only after operations, and only after all requirements, including reclamation have been completed and the operator has determined that the site is ready for final inspection.

Snake River intends to run and cement production casing on the well per the attached procedure starting on Tuesday NOVEMBER 16 2021.

Bond type and number is: Idaho OGCC Bond # ROG 000 1695

Attach additional information as needed to support the application

CERTIFICATE: I, the undersigned, state that I am the Operations Manager of Snake River Oil and Gas (company) and that I am authorized by said company to make this application and that this application was prepared under my supervision and direction and that the facts stated herein are true, correct and complete to the best of my knowledge.

Signature:  for Nathan Caldwell by Clint Harman 11-15-2021 Date: _____

This Sundry Notice shall be filed with the

Idaho Department of Lands
Division of Minerals, Public Trust, Oil & Gas
300 N. 6th Street, Suite 103
Boise, Idaho 83702

as per IDAPA 20.07.02 and Idaho Code § 47-3.

FOR IDL USE ONLY:

Approved by: /signed/ James Thum 11/15/2021 Approval Date: _____

Guidelines and Timeframes for Sundry Notices

Activity	Timeframe	Rule or Statute
Notices – General	Written notice must be given to the Department for any intention to do work and must be approved before work is done.	IDAPA 20.07.02.030
Hydraulic Fracturing	Operator will notify the Department twelve (12) to twenty-four (24) hours in advance of the treatment.	IDAPA 20.07.02.211.03
Accidents and Fires	Operator will notify the Department within twenty-four (24) hours and submit a full report within fifteen (15) days.	IDAPA 20.07.02.211.03
Well Spud & Surface Casing	Operator will notify the Department in writing not less than seventy-two (72) hours in advance of planned spud activity for surface casing.	IDAPA 20.07.02.310.05(a)
Cementing Surface Casing	Operator will notify the Department in writing not less than twenty-for (24) hours in advance of planned cementing activity for surface casing.	IDAPA 20.07.02.310.05(e)
Cementing Intermediate Casing	Operator will notify the Department in writing not less than twenty-for (24) hours in advance of planned cementing activity for intermediate casing.	IDAPA 20.07.02.310.07(d)
Cementing Production Casing	Operator will notify the Department in writing not less than twenty-for (24) hours in advance of planned cementing activity for production casing.	IDAPA 20.07.02.310.08(b)
Mechanical Integrity Testing	Operator will notify the Department in writing not less than ten (10) days in advance of the scheduled date on which the test will be performed.	IDAPA 20.07.02.320.03

5-1/2" Production Casing at 5546' MD 5041' TVD

NOTE: USING DV CEMENTER AT TOP OF TAIL SLURRY.
WILL PUMP 2 STAGES BELOW DV CEMENTER.
OPEN DV CEMENTER
CIRCULATE TILL TAIL TAKES INITIAL SET
WILL PUMP 2 STAGES ABOVE DV CEMENTER.

Size (in)	Weight (ppf)	Grade	Conn	Drift (in)	ID in	Burst (psi)	Collapse (psi)	Tens (Kips)	Opt Torque (ft-lb)
5-1/2	15.5	J-55	LTC	4.825	4.95	4810	4040	239	2170

Required inspection/test: visual thread inspection, full length drift.

Float Equipment, Centralizers & Shoe Track

Item	Description
1 each	5-1/2" Summit Down Jet (5M) Float Shoe
(1) joints	5-1/2", 15.5#, J-55, LTC (1)- Bow Spring Cent. @ 10' above shoe, 1 – Bow Spring Cent. @ 10' below float collar
1 each	5-1/2" Davis Lynch latching float Collar. Davis Lynch latching bottom plug. Davis Lynch Latching Top Plug
FC to 3400	5-1/2", 15.5#, J-55, LTC (1) Bow Spring Cent. every joint over a collar. Put Turbolizer centralizers (1 per jt across pay (per log) 3 jts)
Diverter Valve Tool	5-1/2" Davis Lynch hydraulic DV cementer.
DV to surface	5-1/2", 15.5#, J-55, LTC (1) Bow Spring Cent. every joint over a collar.and 1 per jt across surface casing shoe 5 jts

- Plan to use DV specific Float Collar (1) DV specific bottom plug & (1) DV specific top plug on cement job
- Baker-lock all connections on shoe track.
- Check floats after making up float equipment.

Cementing Program (see Resource Cementing Program) – Est. TOC @ Surface

Fluid	Height (ft)	Vol (cu-ft)	Yield(cf/sx)	Density (ppg)	Description
Drop bottom plug					
Spacer				8.34	10 bbls RC Mud Flush
Spacer				12.0	35 bbls, 4% KCL weighted spacer
Tail Slurry A	500 (3400-3900' MD)	133	1.30	14.2	103 SX RC Gas Bond; w/o Anti Gas Additive (15%) Excess of open hole caliper log
Tail Slurry B	1390 (3900-5290' MD	371	1.30	14.2	285 sxs RC Gas Bond; (15%) Excess of open hole caliper log
Drop Top Plug					
Displacement				11.5 or TD MW	124.8 bbls, TD Mud WT water

Open Dv Tool Circulate Annulus Until Tail Takes Initial Set 8hrs					
Lead Slurry A	2900 TOC @ Surface	769	1.49	13.7	285 sxs RC Gas Bond; (15%) Excess of open hole caliper log
Lead Slurry B	500' (2900-3400' MD	133	1.30	14.2	103 sxs RC Gas Bond; w/o Anti Gas Additive (15%) Excess of open hole caliper log
Displacement				11.5 or TD MW	124.8 bbls, TD Mud WT water

Depth: 5290 MD; Hole Size: 8-1/2"; Excess: 15% above volume from OH caliper log
Fill Required:
Tail A w/o ant-gas 500' fill 15% above volume from OH caliper log
Tai Bl Cement: 1390' fill; 15% above volume from OH caliper log
Lead A Cement: 2900 fill; 15% above volume from OH caliper log, 0% excess inside casing
Lead B (Tail A w/o anti-gas) 500' fill 15% above volume from OH caliper log

Note: Volumes will change based upon results of caliper log, where top of pay sand is and if we "short set" production casing.
Cementing Notes:

- Mix, pump and displace cement at maximum rate, slowing down to (1 BPM) at DV tool (81 bbl) . hold at less than 3 bpm 20 bbls left to bump plug. Then, less than 2 bpm w/ 10 bbls left to bump plug; then (1.0 - 1.5) BPM to bump plug. PUMP TO BUMP. Displace cement with TD mud. Collect wet and dry samples during job & store in Consultant's trailer.
- Bump plug with 500 psi over final circulating pressure DO NOT EXCEED 2500 PSI!.
- Send all charts and cementing details to Snake River Office for individual well files and regulatory filings.
- All "mix water" for spacers & cement to be treated with a "Bactericide".

Run & cement 5-1/2" Casing as follows:

1) RIH and C&C mud till MW & Viscosity in and out are same

2) POOH. Wipe any tight spots.

3) RIH and C&C mud until Cementers are ready to cement.

4) POOH. Wipe tight spots.

5) Repeat wiper trips until hole is slick and MW & Viscosity in and out are same.

6) POOH & LD drill pipe.

NOTE: RETRIEVE WEAR BUSHING!

7) Have cementing swage on floor.

8) R/U casing crew w/ casing tongs.

9) Install 5-1/2" casing rams & shell test to 1,900 psi w/ rig pump?

10) Run Float Equipment as in above section.

11) Stage in hole, breaking circulation @ +/- 1,000' and 3,000'.

12) Make sure casing stays full of mud while running in hole.

13) Limit circulating rate to maximum pump rate of (4.0 BPM) to avoid inducing a lost circulation problem. DO NOT EXCEED 2500 PSI!

14) Plan to land casing shoe +/- (10') from TD using conventional casing slips.

15) R/D casing running tools.

16) R/U Resource Cementing w/ 10,000 psi rated equipment and test lines to 3,500 psi.

17) Circulate w/ rig pumps through the cementing head. DO NOT EXCEED 2500 PSI! Attempt to work pump rate up to (4.0 BPM). If lost returns are experienced, reduce pump rate as necessary. Circulate @ (4.0 BPM) a minimum of (1.5) actual bottoms-up volumes (as calculated from sweeps pumped when estimating hole size, not theoretical), unless mud returns are lost. If full or partial mud returns are lost, contact Snake River Office

18) Hole Conditions Will Dictate if Casing will be Reciprocated While Cementing.

19) Pump (10) bbls Mud Flush spacer followed by (40) bbls of weighted, 4% KCL spacer. Pump rate @ (4.0 BPM).

20) Mix and pump TAIL cement per Cement Program pumping schedule. Note: Be sure to plan cement slurries for sufficient pump/thickening times for pumping & displacing cement at a (4.0 bpm) rate and bottom-hole temperatures recorded from logging @ TD.

21) Ensure cementers collect wet and dry samples of cement; leave samples on porch outside of consultant's office. Check slurry density with pressurized mud scales throughout the cement job.

22) Shut-down pumping after mixing Tail cement. Knock off lines and clean out cement pumps and lines before dropping top plug.

23) Drop top plug & observe "tattle tale" line to ensure that top plug has been released.

24) Flush pump and lines at floor. Displace cement w/ TD mud @ (4.0 BPM); "do not" exceed a pump rate over (4.0 BPM). Slow pump rate before reaching DV tool at 3400' (81 bbl).

25) Bump plug @ (1.5 to 2.0) bpm & test with 500 psi over final pump pressure. DO NOT EXCEED 2500 PSI!

26) When plug bumps, bleed-off pressure to check floats. Bleed pressure to "0" psi & monitor pressure for (10) min to ensure floats are holding. .

27) Pressure up on casing to open DV tool per DV tool supervisor.

28) Circulate any cement above DV tool to surface and dispose of same.

29) Circulate until surface sample are set.

30) Mix and pump LEAD cement followed by DV closing plug.

31) Flush cement from stack and lines and treat with sugar. Send to disposal.

NOTE: Close annular to center casing in wellhead

32) WOC 24 hours while cement hardens. Providing surface samples are hard and there is no pressure on the annulus, nipple down BOP's and pick up same. Hang 5-1/2" casing with conventional casing slips.

33) Install slips with full string weight.

34) Send all charts and cementing details to Snake River Office for well files and regulatory filings.

CLH