

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

<p>SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>		<p>WELL API NO. 30-031-20197</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator BC&D Operating</p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator</p>		<p>7. Lease Name or Unit Agreement Name Hospah Sand Unit</p>
<p>4. Well Location Unit Letter <u>O</u> : <u>525</u> feet from the <u>South</u> line and <u>2135</u> feet from the <u>East</u> line Section <u>36</u> Township <u>18N</u> Range <u>09W</u> NMPM McKinley County</p>		<p>8. Well Number 53Y</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.)</p>		<p>9. OGRID Number</p>
<p>10. Pool name or Wildcat</p>		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please find attached the P&A Plugging Report and Post P&A Wellbore Diagram for the Hospah Sand Unit #53Y.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Shawna Martinez TITLE Regulatory Specialist DATE 4/26/2023

Type or print name Shawna Martinez E-mail address: Shawna@walsheng.net PHONE: 505-327-4892

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 05/09/2023
Conditions of Approval (if any):

BC&D

Hospah Sand Unit #53Y

Date Comp 3/19/2023

Plug #	Formation	NMOCD Pick Formation Top	Cement Pump Date	Perfs	CICR Depth	Cement Detail	Cement Plug Depths	Plug Position
1	Morrison	2835'	3/15/2023	3114' - 3200'	N/A	59sx Class "G" Neat cement (69cuft, 12.3bbl, 1.17yld, 15.8ppg, 5.03gps)	2889'-3200'	Inside
1.5/2	MorrisonDakota	2528'	3/17/2023	N/A	N/A	90sx Class "G" w/ 2% CaCl2 cement (105.3cuft, 18.8bbl, 1.17yld, 15.8ppg, 5.03gps)	2444' - 2888'	Inside
3	Gallup	1603'	3/17/2023	N/A	N/A	30sx Class "G" w/2% CaCl2cement (35.1cuft, 6.3bbl, 1.17yld, 15.8ppg, 5.03gps)	1500' - 1655'	Inside
4	Mancos/Men/PL	650'/400'/390'	3/18/2023(x2)	N/A	N/A	103sx Class "G" Neat cement (120.51cuft, 21.5bbl, 1.17yld, 15.8ppg, 5.03gps)	273' - 714'	Inside
5	Surface	Surf	3/19/2023	196'	N/A	90sx Class "G" Neat cement (105.3cuft, 18.8bbl, 1.17yld, 15.8ppg, 5.03gps)	196' - Surf	Inside/Outside
Wellhead Cut-off & marker installed 3/19/2023								

3/14 - Commencement of Work Notification made 10:00hrs on 3/10/2023 with Monica Kuehling (NMOCD) & 10:10hrs on 3/10/2023 to BLM notification hotline. MIRU DWS #32 from Ojo Encino area, derrick in the air at 1200hrs. Csg=0psi, Tbg=0psi, BH=N/A (could not locate currently) upon arrival. Removed stuffing box and LD 16' polished rod w/ 10' liner, tea 6' & 8' pony rods (3/4"), 79ea 3/4" plain rods and a 2" x 1-1/2" x 10' RWBC pump, no strainer. SN depth calculates near 2000' by rod count. ND ESP style wellhead, pulled up on 2-7/8" jt and removed tbg slips from WH, could not NU 3K BOP to WH. Used 48" pipe wrench, winch line and pickups to remove wellhead from 7" csg. NU 7" x 3K companion flange, flowcross w/ 2" ball valves and NU 3K BOP. LD 20jts of 2-7/8" tubing, 2-7/8" x 2-3/8" X/O, 45jts of 2-3/8" tbg and a 2-3/8" SN (expendable check body), no mud anchor. Shut in well & SDON. Rig crew off location at 1830hrs. Nightwatch on location. Thomas ? (NMOCD) visited location this morning.

3/15 - SICP=0psi, BH=N/A (could not locate currently) upon arrival. Held PJSM. Started & warmed equipment. Picked up a 2' tag sub and TIH on 101jts of 2-3/8", 4.7#, blueband tubing, tagged fill at 3194'KB, LD 1jt. EOT at 3176'KB. RU Drake Cement Services and est circulation with 26bbls of water, circulate clean with 80bbls of fresh. Plug #1: (2876'-3176') Mix & pump 59sx of CI "G" cement w/ 2% CaCl2 (69cuft, 12.3bbl, 1.17yld, 15.8ppg, 5.03gps), balanced plug with 10.5bbl of water, balanced at 0915hrs. LD 10jts and stand back 10stds, EOT at 2227'. WOC 4hrs, dug down further on BH while WOC, could not locate at 6'-7'. RIH on 91jts & tagged TOC at 2889'KB, good. TOH w/ tbg. RU TWG Wireline and RIH with CBL, tagged with wireline at 2872'(17' high from tbg tag). CBL shows good bond F/ 700' - T/ 2872', some bond F/ 250' - T/ 700', marginal F/ Surf - T/ 250'(Field Interpretation). Picked up 2' tag sub and RIH on 90jts, RU Chiksan and reverse circulate jth#91 back to 2889'KB w/ 30bbl, returned ~15bbls of cement colored water (light amount of cement). Pressure test csg to 500psi, pressure falling at approx 100psi/min, test failed. RU to pump plug #1.5 & #2 together across Morrison & Dakota formation. Attempted to air up bulk truck and compressor was locked up, worked with pipe wrench, could not free up. RD pump lines and LD 2jts of 2-3/8" tbg. Shut in well & SDON. Rig crew off loc at 1730hrs. Thomas Vernersch (NMOCD) on location to witness/approve plug depths/weights. Bulk truck sent to town for repairs/replacement.

3/16 - SICP=0psi, BH=N/A upon arrival. Start & warm equipment. Replacement bulk truck had engine problems enroute to location, access road to location was to muddy and washed out to get equipment on location. Chained up bulk truck and parked near Dominion yard when arrived. Rig crew worked tbg to verify all good. Shut in well & SDON. Rig crew off loc at 0930hrs.

3/17 D. Hill repaired road prev night, snow storm over loc, snow packed roads. Bulk truck on loc at 0730hrs. SICP=0psi, BH=N/A upon arrival (rig crew 0820hrs). Start & warm equipment. Picked up and placed EOT at 2888'KB. Drake pump truck having electric issues, worked on for ~1hr. Est circ with 2bbls of water. Morrison/DK (plug #1.5 & #2): M&P 90sx of CI "G" cement w/ 2.5% CaCl2 (105cuft, 18.8bbl, 1.17yld, 15.8ppg, 5.03gps) and balanced with 9bbls of fresh water(1015hrs). LD 15jts and stand back 10stds. WOC 4hrs. RIH and tagged TOC at 2444'KB, good. LD 24jts (50jts on trailer), EOT at 1655'KB. Est circ w/ 3bbls of fresh water. Shut in csg & P/T to 500psi, lost 100psi/min, failed test. Gallup plug(#3): M&P 30sx of CI "G" cement (35cuft, 6.3bbl, 1.17yld, 15.8ppg, 5.03gps), balanced w/ 5.5bbls of water(1515hrs). LD 5jts and std back 10stds. NMOCD requires WOC due to csg P/T failure. Winterize equipment, SDON. Rig crew off location at 1600hrs. Plan to tag Gallup plug, pump Mancos/Menefee/PL plug tomorrow morning then perf surface after WOC & tag.

3/18 SICP=0psi, BH=N/A upon arrival. Start & warm equipment. RIH and tagged top of Gallup plug at 1500'KB, good. LD 25jts of tbg, EOT at 714'KB, est circ with 2bbls of water, shut in csg and attempt to pressure test, water flowing from around 7" in cellar (approx 6' deep), no test. Mancos/PL (plug #3:TBD-714'): M&P 83sx of CI "G" cement w/ 2.5% CaCl2 (97cuft, 17.3bbl, 1.17yld, 15.8ppg, 5.03gps) and balanced with 1bbl of fresh water(915hrs). LD 14jts, EOT at 266'KB, reverse circ 10bbls water. TOH with 4stds. WOC 4hrs. RIH and tagged TOC at 395'KB, 55' too low (Top of PL formation called at 390'). TOH with tbg. P/T csg to 500psi, same 100psi/min bleed off. RU TWG wireline. Perf 4 holes at 196'KB, trip out with guns, all shots fired. Closed BOP. Instabish inj rate of 1bpm @ 50psi, good circulation in cellar. RD wireline. RIH with tbg to 395'. M&P 20sx of CI "G" cement (23.4cuft, 4.2bbl, 1.17yld, 15.8ppg), displaced w/ 1bbl. PUH to 234' and circulate clean. TOH with tbg. Shut in well and SDON. 47 of 102jts of 2-3/8" workstring returned to Cave Enterprise.

3/19 SICP=0psi, BH=N/A upon arrival. Start & warm equipment. RIH and tagged top of Mancos/Menefee/Point Lookout plug at 273'KB, good (273' - 714'). LD remaining tbg. Closed BOP. Pumped on 7" csg to verify circulation in cellar, good circulation for approx 2bbl then pressure spiked to 300psi and broke off, circulation would come & go while pressures fluctuated F/ 50psi - T/ 350psi. Discussed w/ T. Vernersch (NMOCD). Decided to pump calculated cement volume. ND BOP & temporary wellhead. Placed 7" swage directly onto 7" csg stick up. RU Drake cementing and pumped 90sx of CI "G" cement (105.3cuft, 18.8bbl, 1.17yld, 15.8ppg, 5.03gps), pressure fluctuating with circulation then pressure climbed to ~350psi @ 1bpm and held steady. SD and hesitated for 1 min with 5bbl of slurry remaining, pressure fell to 62psi and held. Began pumping remaining slurry, pressure climbed to 375psi after 5bbls, SD. Shut in csg, csg standing full after 1hr, monitored for a total of 5hrs after shut down, csg standing full. Cut-off 7" stick up & welded on P&A marker. Pumped 1bbl of cement slurry in cellar. P&A complete. RD DWS #32 & moved to the HSU #18. FINAL REPORT. T. Vernersch(NMOCD) did not make it to location today due to vehicle break down.

Hospah Sand Unit #53Y**ACTUAL P&A****Hospah Sand Unit**

525' FSL & 2135' FEL, Section 36, T18N, R9W, McKinley, NM

API: 30-031-30197

Spud: 01/28/1971
PLUGGED: 03/19/2023

Elevation: 6997' GL

Memefee @ 400'

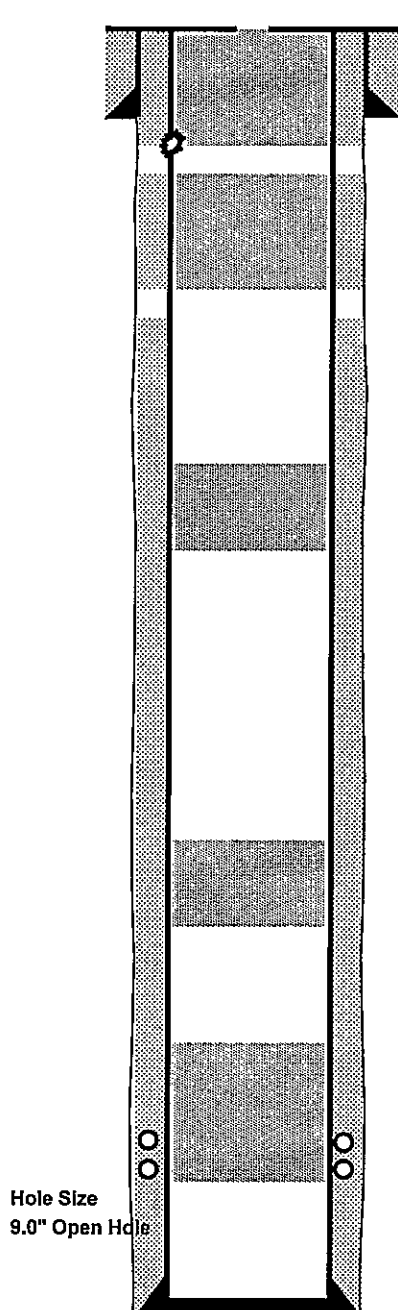
Mancos @ 650'

EST TOC @ 1419'

Gallup @ 1603'

Dakota @ 2528'

Morrison @ 2835'

Hole Size
9.0" Open Hole

TD: 3238'

Hole Size: 15"

10-3/4", 32.75#, Casing set @ 146'
Cement with 150 sx, Circ to surfacePlug #5: Surface Shoe - Surface - 196'
Class G neat, Circulate 90 sx (105.3 ft³) to surfacePlug #4: Mancos/Men/PL - 273'-714'
Class G Neat 103 sx (120.51 ft³)Plug #3: Gallup - 1500'-1655'
Class G w/ 2% CC, 30 sx (35.1 ft³)CBL shows good bond F/ 700' - T/ 2872', some bond F/ 250' - T/ 700',
marginal F/ Surf - T/ 250' (Field Interpretation).Plug #2: Morrison / Dakota - 2444'-2888'
Class G w/ 2% CC, 90 sx (105.3 ft³)Plug #1: Morrison - 3200'-2889'
Class G Neat 59 sx (69.0 ft³)Perforations
3114'-3144', 3163'-3200'

7.0", 20.0#, casing set @ 3238'

Production CMT:

1st stage: 200 sx Lite & 50 sx Class C

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Santa Fe, NM 87505

CONDITIONS

Action 214922

CONDITIONS

Operator: BC & D OPERATING INC. 2702 N. Grimes ST B Hobbs, NM 88240	OGRID: 25670
	Action Number: 214922
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/9/2023