

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No 1004-0137
Expires October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

MAY 18 2012

5. Lease Serial No
NMSF079602

6 If Indian, Allottee or Tribe Name

Farmington Field Office

Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator
Four Star Gas & Oil Company

3a. Address
ATTN: Regulatory Specialist
332 Road 3100 Aztec New Mexico 87410

3b Phone No. (include area code)
505-333-1941

7 If Unit of CA/Agreement, Name and/or No

8. Well Name and No
LL McConnell #15

9 API Well No.
30-039-25317

10. Field and Pool or Exploratory Area
W Lindrith Gallup-Dakota

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310' FSL 330' FWL S29 T25N R03W

11. County or Parish, State
Rio Arriba County, New Mexico

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Perforate
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports must be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

9/12/2011

Move Rig 154 & equipment to location, Spot basebeam, spot rig, rig up.

TWOB, Work to unseat pump to 37K numerous times, Appeared to unseat. POOH, LD polish rod, LD 6 rods, some guided w/ paraffin. PU Polish rod, Secure well.

9/13/2011

Check well, SICP - 80 psi, SITP - 0 psi, Left well SI, MIRU Poor Boy's Hot Oil Unit, Tie on to tbg, Pump 50 bbls hot 2% KCL down tbg to clean paraffin. RD Poor Boy's. LD PR, POOH, LD rods

Continue LD rods, Total of pump, 5 - 1" Sinker Bars, 215 - 3/4" rods, 104 - 7/8" rods, 2' x 7/8 pony rod, 1 1/2" Polish Rod, Rods look good, two types of scrapers on rods, molded and snap on. ND WH, Release TAC, NU BOP's, Test.

Change out handling equipment, ND WH, PU & found no Hangar in well, Remove B1 adapter, Release TAC w/ tongs.

Install a TC-1A Hangar, NU 7 1/16" 3K Spool w/ 3" side outlets, NU 7 1/16" 5K BOP's, RU Floor, tongs, change out pipe rams to 2 3/8"

Test Blinds TIW and Pipe rams to 250/1500 psi. Test good. Repack csg valves. RD WSI testers, Secure well, SDFD.

See attached pages for remainder of report.

RCVD MAY 22 '12
OIL CONS. DIV.

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)

April E. Pohl

Title Regulatory Specialist

Signature

April E. Pohl

Date

05-18-2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

MAY 18 2012

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NMOCD A

LL McConnell 15 API 30-039-25317

9/14/2011

Check well, SICP - 0, SITP - 0, Open well to flowback tank.

POOH, LD 2 3/8" Prod Tbg, LD 226 jts 2 3/8, TAC, 34 jts 2 3/8", SN. Note: No perforated sub or mud anchor as per program.

Tbg looks good, some rod wear. Transfer workstring to racks

PU & RIH in singles w/ 4 3/4 bit, 5 1/2" scraper on 2 3/8" workstring, 224 jts to 7102'. Secure well, SDFN

9/15/2011

Check well, SITP - 0 psi, SICP - 0 psi, Open well to flowback tank

PU & RIH w/ 2 3/8" workstring in singles w/ bit & scraper, Tag for fill 11' in on jt #260 @ 8220' PM, (23' fill) Note: Did not hit anything noticeable on scraper run.

POOH w/ bit & scraper. PU, RIH w/ 5 1/2" CIBP, Set @ 7697' on 243 jts

POOH w/ setting tool. Secure well, SDFN

9/16/2011

Check well, SICP - 0 psi, SITP - 0 psi. Open well to flowback tank. PU & RIH w/ Arrow HD compression pkr. Set pkr @ 7191.

Pump down tbg w/ 15 bbls 2% KCL, Test CIBP & csg from 7191' to 7697' (CIBP) to 900 psi on 227 jts, Test good, Level out @ 850 psi for 15 min. (air). Release pkr, POOH w/ 3 jts. Set pkr @ 7098' on 224 jts

Load backside w/ 64 bbls, Test csg to 1000 psi for 15 min, Test good. Bleed off.

Release Pkr, POOH w/ tbg, LD tools. Secure well, SDFwknd.

9/19/2011

Get on depth w/ Schlumberger Gamma Ray Collar log dated Nov 10, 1994. Tagged CIBP: by tally plug is at 7690', by eline plug is at 7693'. Perforate well 2 spf w/ 4" HEGS guns. Perf 7228 - 7238'; 7242 - 7249'; 7254 - 7269'; 7273 - 7287'; 7294 - 7303'; 7320 - 7338'; 7348 - 7390'; 7401 - 7409'. Perforated 133 ft over 181 ft.

RD Schlumberger.

9/20/2011

TIH w/ frac liner w/ 2 joints of 2-7/8" tbg & Baker mechanical collar locator on workstring. Set same (top cup 7099, bottom cup 7169) centered over open Gallup perms @ 7123 - 7146'.

POOH LD workstring. Recover Baker collar locator & HES setting/retrieving tool. LD same.

TIH & come out LD remaining workstring.

9/21/2011

Transfer workstring racks to float. RD Key 154 & equipment. Load & move Key 154 equipment to the McConnell #1.

10/1/2011

RU Stinger & sting into 5-1/2" casing. RU 3" line from stinger to flowback tank in case of element failure. RU HES for frac.

Frac well as designed. Max treating pressure = 2015 psi. Average treating pressure = 1508 psi. Max slurry rate = 46.9 bpm.

Pumped 93,280 lbm sand. Load to recover = 167,710 gal (3990 bbls). ISIP = 1166 psi, 5 min = 1051 psi, 10 min = 1018 psi, 15 min = 993 psi. Final frac gradient = 0.59 psi/ft.

10/17/2011

Move Key 154 rig & equipment to location. Spot basebeam, Spot rig & air equipment. Check well, SICP - 0 psi.

Rig up Key 154

RU Floor, Tongs, Stipper Head, Lay lines to flowback tank, Set catwalk, pipe racks

Set workstring trailer, Offload same to pipe racks, tally

PU and RIH w/ 2 3/8" workstring in singles w/ 130 jts, Offload and tally second layer, Secure well, SDFN.

10/18/2011

Check well, SITP - 0 psi, SICP - 0 psi, Open well to flowback tank, Caliper elevators

RIH in singles w/ 93 jts, 223 jts total of 2 3/8" workstring. Tag frac liner w/ 225 jts, Release, POOH w/ 225 jts, LD Frac liner.

PU & RIH w/ 4 3/4" mill on 224 jts 2 3/8" workstring to 7104'. Lay 2nd line to flowback tank, Secure well, SDFN.

10/19/2011

Check well, SITP - 0 psi, SICP - 0 psi, Open well to flowback tank, Caliper elevators

Test lines, Start air, establish circulation, Pressure built to 1700 psi, Started unloading well, PSI fell to 800 psi. SD air

PU & RIH in singles w/ 18 jts 2 3/8" workstring, Tag @ 7649' (5' in on jt # 242), RU Power swivel.

Start air, establish circulation, start mist at 10 bwph. Cleanout from 7649' to 7703' PM, CIBP, recovered sand.

Mill on CIBP, Pumping 13 bwph mist, 1200 cfm air, 1200 psi pump, Equalized and broke thru, circ clean. SD air

RIH w/ 2 jts 2 3/8" tbg, Rack back power swivel, RIH w/ 2 3/8" tbg in singles, Tag @ 8222' PM (6' in on 260), PU Power Swivel

Start air, establish circulation.

Mill on plug @ 8222'. Drill to 8226', Circ clean. SD air. Recovering frac sand. Wtr, Small amount of oil.

Rack back swivel, LD one jt, POOH w/ 18 stands to above perfs, Secure well, SDFN

10/20/2011

Check well, SITP - 0 psi, SICP - 180 psi. Open well to flowback tank

Change out handling equipment (bails, elevators) to meet API Spec 8B Category III, Caliper same, RIH w/ 36 jts, RU Power

Swivel and 1 jt, Tag for fill @ 8225', 1 ft fill.

Start air, Establish Circulation. Mill, cleanout from 8225' to 8239', Sticky at this pt.

Circulate clean, Pump sweeps, Recovering wtr, small amount of oil, trace of sand.

RD Power Swivel, POOH, LD 260 jts 2 3/8" workstring. Secure well, SDFN.

10/21/2011

Check well, SICP - 120 psi, Open well to flowback tank, Caliper elevators

Offload 2 3/8" prod tbg, tally same

PU & RIH w/ Mud anchor, Perf Sub, SN, 35 jts 2 3/8, PU to install TAC, found bad threads on same. Call for replacement anchor

Wait on replacement TAC. PU & RIH w/ TAC, 2 jts tb, 4' marker jt, 97 jts 2 3/8" tbg. Secure well, SDFD

10/22/2011

Check well, SITP - 80 psi, SICP - 80 psi, Open well to flowback tank.

RU BJ Dyna Coil

RIH w/ 2 3/8" prod tbg banding dual cap string, Total of Mud Anchor (31.28), Perf Sub (5.97), SN (1.10), 35 jts 2 3/8, 4.7#, L80

tbg (1106.93), TAC(2.80), 2 jts 2 3/8 (63.50), 4' pup jt, 97 jts 2 3/8 (3064.59), circ sub (2.62), 2 jts 2 3/8 (63.52), 8' pup jt, 121 jts

2 3/8 (3823.29) Bttm of MA-8191.6, SN - 8154.35, TAC - 7043.52, Circulating Sub - 3908.81

RD Floor, Tongs, ND BOP's, PU & remove hangar, Set TAC w/ 13K tension, Install Hangar and connect cap lines, Land Hangar, Nipple up WH.

10/24/2011

Check well, SICP - 100 psi, SITP - 0 psi, Open well to flowback tank.

PU & RIH w/ 2 x 1 1/4 x 20 x 20'3" RHAC DV pump w/ 12' dip tube, 2' x 3/4" pony rod w/ RH backoff too Pump# CX537, 5 - 1" x 25' Sinker bars, 215 - 3/4" x 25' sucker rods, 103 - 7/8 rods

Space out w/ 1 - 8' x 7/8" pony rod, 1 1/4" x 26' Polish Rod w/ 1 1/2" liner.

Load and test 2 3/8" tbg w/ 2% KCL to 500 psi, Test good. Check pump action w/ rig, good, Install Horse Head, HWOB. RDMO.



Wellbore Schematic

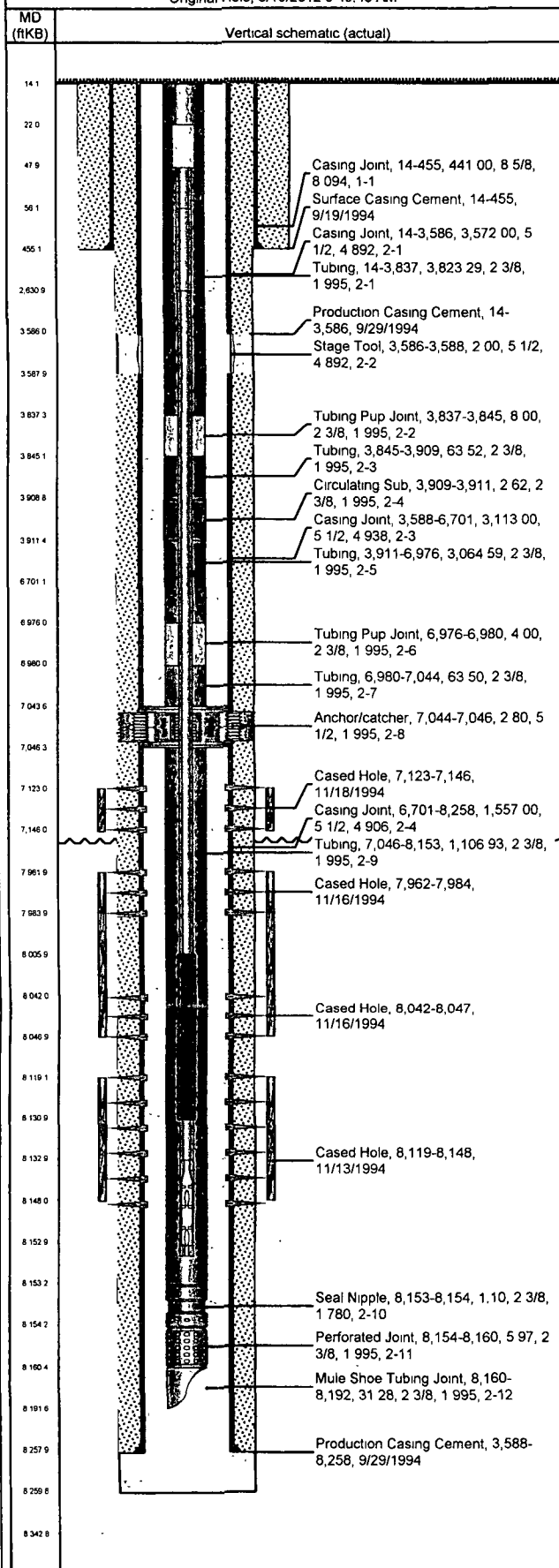
Well Name
McConnell LL 15

Lease
McConnell, L.L.

Field Name
Blanco Mesa Verde

Business Unit
Mid-Continent/Alaska

Original Hole, 5/10/2012 9 49.48 AM



Job Details

Job Category	Start Date	Release Date
Major Rig Work Over (MRWO)	9/12/2011	10/24/2011

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)
Surface	8 5/8	24.00	K-55		455
Production Casing	5 1/2	17.00	J-55		8,258

Tubing Strings

Tubing - Production set at 8,191.6ftKB on 10/22/2011 14:00

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	10/22/2011	8,177.60	8,191.6

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Tubing	121	2 3/8	4.70	L-80	3,823.29	3,837.3
Tubing Pup Joint	1	2 3/8	4.70	L-80	8.00	3,845.3
Tubing	2	2 3/8	4.70	L-80	63.52	3,908.8
Circulating Sub		2 3/8			2.62	3,911.4
Tubing	97	2 3/8	4.70	L-80	3,064.59	6,976.0
Tubing Pup Joint	1	2 3/8	4.70	L-80	4.00	6,980.0
Tubing	2	2 3/8	4.70	L-80	63.50	7,043.5
Anchor/catcher		5 1/2			2.80	7,046.3
Tubing	35	2 3/8	4.70	L-80	1,106.93	8,153.3
Seal Nipple		2 3/8			1.10	8,154.4
Perforated Joint	1	2 3/8	4.70	J-55	5.97	8,160.3
Mule Shoe Tubing Joint	1	2 3/8	4.70	J-55	31.28	8,191.6

Rod Strings

Long rod on 10/24/2011 15:00

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Long rod	10/24/2011	8,131.00	8,153.0

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Polished Rod w/ 1 1/2" liner		1 1/4			26.00	48.0
Pony Rod		7/8			8.00	56.0
Sucker Rod	103	7/8	2.22	D	2,575.00	2,631.0
Sucker Rod	215	3/4	1.63	D	5,375.00	8,006.0
Sinker Bar	5	1			125.00	8,131.0
Pony Rod w/ RH BO Tool		3/4			2.00	8,133.0
Rod Pump, 2 x 1 1/4 x 20'3"		3/4			20.00	8,153.0

Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
11/18/1994	7,123.0	7,146.0	4.0	92	
11/16/1994	7,962.0	7,984.0	4.0	88	
11/16/1994	8,042.0	8,047.0	4.0	120	
11/13/1994	8,119.0	8,148.0	4.0	116	

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com