Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

HOBBS OCD

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

JUL 03 2012

RECEIVED

5. Lease Serial No
NMLC031696A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No
892000321N

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
SEMU 151

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact BRIAN MAIORINO
E-Mail. brian d maiorino@conocophillips.com

9. API Well No
30-025-35338-00-S1

3a. Address
3300 N "A" ST BLDG 6
MIDLAND, TX 79705

3b Phone No (include area code)
Ph: 432-688-6913

10 Field and Pool, or Exploratory
~~HARDY~~
Skaggs Grayburg

4. Location of Well *(Footage, Sec , T , R , M., or Survey Description)*
Sec 25 T20S R37E NESE 1650FSL 330FEL

11 County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

1. Prior to service unit MI & RU, dump 20 bbl xylene down 2-7/8? x 5-1/2? annulus. Pump back xylene (contact time: 7.2 hrs at current surface displacement of 79 BPD). Test anchors. Last well service 04.2002.

2. Spot 6 clean 500 bbl frac tanks. Load tanks w/ fresh water prior to frac date. Water to be biocide-treated by SLB.

3. MI & RU service unit. Un-seat pump. POOH w/ rods & pump. ND well. NU hydril BOP. Scan 2-7/8?, 6.5# J-55 production tbg out of hole

4. PU & RIH w/ 2-7/8?, 6.5#, J-55 work string tbg w/ 4-3/4? bit & 5-1/2? 17# csg scraper to 6450. POOH w/ tbg, csg scraper & bit.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

WITNESS
PLUG BACK

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #134730 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 04/09/2012 (12DLM0414SE)

Name *(Printed/Typed)* BRIAN MAIORINO — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 04/04/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED
JUL 2 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Approved By EDWARD FERNANDEZ — Title PETROLEUM ENGINEER — Date 07/02/2012

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 Hobbs

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

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

WITNESS
PLUG BACK

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Additional data for EC transaction #134730 that would not fit on the form

32. Additional remarks, continued

RIH w/ tbg & CIBP (5-1/2?,17#). Set CIBP @ 6400 (between csg collars: 6382 & 6424; uppermost perforation: 6442). Circ well w/ fresh water (well capacity w/ tbg: 134.3 bbl). Close pipe-rams Test CIBP @ 500#.

Mix & pump 25 sx cmt (5.9 bbl). Displace cmt w/ 35.4 bbl fresh water (cmt column: 6120-6400. POOH w/ tbg (cmt column: 6147-6400).

5. RIH w/ tbg & CIBP-2. Set CIBP-2 @ 4350 POOH w/ tbg. Spot 20 ft of cement on top of CIBP. Displacement of 25 bbls to equalize the cement column.

See COA

RIH w/ tbg & PKR. Set PKR @ 4290. Test CIBP at 2500# surface prs (bottom-hole test prs @ 4300: 4360#; anticipated bottom-hole frac treating prs: 3750#) Circ well w/ 2% KCl (well capacity w/ tbg: 90 bbl)

Re-set PKR @ 3650. Test csg below PKR @ 2500#. POOH w/ tbg & PKR

6. RU SLB. NU lubricator & test @ 500#. Perforate w/3 spf @ 60-degree phasing w/ 3-3/8?, HSD PowerJet 3406, HMX, 22.8 gm (EHD: 0.37 in.; Penetration: 37 in.)

7. RIH w/ tbg, PKR & RBP. Acidize Grayburg perforations w/ total 96 bbl (4032 gal) 15% NE Fe HCl

8. PU & RIH w/ 3-1/2?, 9.3#, N-80 tbg w/ PKR (5-1/2?, 17#). Test tbg @ 8500# while RIH (3-1/2?, 9.3#, N-80 Internal Yield Prs: 10,160#).

Set PKR @ 3720 (between DVT: 3691-3694 & csg collar: 3739). Test 3-1/2? x 5-1/2? annulus & PKR @ 500#.

9. RU SLB. Set treating line pop-off to release @ 8500#.
Set pump trips @ 8000#.
Install spring-operated relief valve on csg-tbg annulus. Pre-set @ 500#.
Load 3-1/2? x 5-1/2? annulus. Note annulus fill volume. Place 200# on csg.
Test surface lines @ 9000#.

ProTechnic to tag frac (Ir-192 @ 0.425 mCi per 1000# 20/40 Brown & Sb-124 @ 0.4 miC per 1000# resin-coated 20/40 Brown)

Frac 3837-3982 down 3-1/2?, 9.3#, N-80 tbg w/ 89,000 gal YF120ST w/ 68,250# 20/40 Brown sand & 57,750# resin-coated 20/40 Brown sand. Mark flush @ 1#. Flush w/ 1400 gal WF110 (capacity to uppermost perforation: 1474 gal; 35.1 bbl). Anticipated treating rate: 30 BPM @ 6000#.

10. SION to allow resin-coated sand to cure. Flow back well until dead. POOH & LD 3-1/2?, 9.3#, N-80 frac string & PKR.

11. RU ProTechnic. NU lubricator. RIH w/ ProTechnic post-frac SpectraScan Spectral Gamma Ray memory tool. Log from 4250 to 3500 (gross completion interval: 3837-3982).

POOH. ND & LD lubricator.

12. RIH. w / 2 7/8? tubing according to proposed design in well view. NDBOP. NUWH and run with rods as per Rodstar design in wellview Space pump, hang well, load tubing and check pump action. RDMO. Handover to Operations.

*Please see attachment

GENERAL NOTES

1. No project or task is to be performed unless it can be done safely and without harm to the environment. All work must comply with all State and Federal regulations and with COPC Safety and Environmental Policies.

2. Conduct daily safety meetings and review all procedures with all contractors prior to performing the operation.

3. Report all activity on the Well-View Daily Completion Work-Over Report.

4. Insure contractors are familiar with and comply with all relevant COPC safety/environmental policies.

5. Spills are to be prevented. Utilize a vacuum truck as necessary.

6. Well control for this well will be Class 1, Category 1: manual BOP (hydraulic BOP recommended); 1 un-tested barrier.

PROCEDURE

1. Prior to service unit MI & RU, dump 20 bbl xylene down 2-7/8" x 5-1/2" annulus. Pump back xylene (contact time: 7.2 hrs at current surface displacement of 79 BPD). Test anchors. Last well service 04.2002.

2. Spot 6 clean 500 bbl frac tanks. Load tanks w/ fresh water prior to frac date. Water to be biocide-treated by SLB.

3. MI & RU service unit. Un-seat pump. POOH w/ rods & pump. ND well. NU hydril BOP. Scan 2-7/8", 6.5# J-55 production tbg out of hole. The following is a summary of the current well configuration:

	Depth RKB		Elev.: 3525 KB; 3514 GL (KB - GL: 11 ft.)
	top	btm	
8-5/8", 24#, J-55	surf	1518	04.25.01: Cmt w/ 665 sx. Circ 34 bbl to surface.
5-1/2", 17#, K-55 (DVT @ 3652-3654)	surf	7900	05.13.01: Cmt in 2 stgs w/ total 850 sx.
			: Circ cmt on both stages (CBL: 0.07.01)
Tubb Perforated Intervals	6442	6444	06.28.01: Perforate @ 2 spf
	6449	6451	06.28.01: Perforate @ 2 spf
	6479	6492	06.28.01. Perforate @ 2 spf
	6481	6494	post-06.28.01 / pre-09.17.01: Perforate @ 4 spf
Cmt Cap (PBD: current)	6765	6800	06.26.01: cap w/ 35 ft. cmt
CIBP	6800	6802	06.26.01: CIBP
Drinkard Perforated Intervals	6843	6846	06.25.01: Perforated @ 4 spf
	6952	6855	06.25.01: Perforated @ 4 spf
Cmt Cap	6965	7000	06.21.01: cap w/ 35 ft. cmt
CIBP	7000	7002	06.21.01 CIBP
Abo Perforated Intervals	7194	7196	06.15.01
	7202	7210	06.15.01
	7217	7219	06.15.01
	7234	7236	06.15.01
	7240	7247	06.15.01
	7315	7317	06.15.01
	7396	7400	06.15.01
	7447	7449	06.15.01
Cmt Cap	7765	7800	06.12.01: cap w/ 35 ft. cmt
CIBP	7800	7802	06.12.01: CIBP
Strawn Perforated Intervals	7822	7856	06.07.01
	7876	7886	06.07.01
PBD (original)	7887	7900	06.07.01: CBL Logger PBD (Driller PBD: 7888)
TD		7900	05.13.01. Driller TD (OH Logger TD: 7909)

SEE ATTACHED FOR CONDITIONS OF APPROVAL

4. PU & RIH w/ 2-7/8", 6.5#, J-55 work string tbg w/ 4-3/4" bit & 5-1/2", 17# csg scraper to 6450. POOH w/ tbg, csg scraper & bit.

   RIH w/ tbg & CIBP (5-1/2",17#). Set CIBP @ 6400 (between csg collars: 6382 & 6424; uppermost perforation: 6442). Circ well w/ fresh water (well capacity w/ tbg: 134.3 bbl). Close pipe-rams. Test CIBP @ 500#.

   Mix & pump 25 sx cmt (5.9 bbl). Displace cmt w/ 35.4 bbl fresh water (cmt column: 6120-6400. POOH w/ tbg (cmt column: 6147-6400).

   See COA

5. RIH w/ tbg & CIBP-2. Set CIBP-2 @ 4350 POOH w/ tbg. Spot 20 ft of cement on top of CIBP. Displacement of 25 bbls to equalize the cement column.

   RIH w/ tbg & PKR. Set PKR @ 4290. Test CIBP at 2500# surface prs. (bottom-hole test prs @ 4300: 4360#; anticipated bottom-hole frac treating prs: 3750#). Circ well w/ 2% KCl (well capacity w/ tbg: 90 bbl)

   Re-set PKR @ 3650. Test csg below PKR @ 2500#. POOH w/ tbg & PKR.

6. RU SLB. NU lubricator & test @ 500#.

   Perforate following intervals at 3 spf @ 60-degree phasing w/ 3-3/8", HSD PowerJet 3406, HMX, 22.8 gm. (EHD: 0.37 in.; Penetration: 37 in.)...

	top	btm	ft.	SPF	Perfs
Grayburg	3837	3842	5	3	15
	3866	3871	5	3	15
	3896	3900	4	3	12
	3907	3910	3	3	9
	3930	3934	4	3	12
	3938	3945	7	3	21
	3951	3954	3	3	9
	3971	3975	4	3	12
	3979	3982	3	3	9
			38		114

Note: collars recorded on Baker Atlas CBL of 06.07.01; KB – GL: 11 ft.):

Collar	Collar-Collar
3648	
3692	44
3692-94	DVT
3694	
3739	45
3784.5	45.5
3828	43 5
3873.5	45.5
3919	45.5
3965.5	46.5

4010	44.5
4051	41
4096	45
4142	46
4184	42
4226	42
4270	44

7. RIH w/ tbg, PKR & RBP. Acidize Grayburg perforations w/ total 96 bbl (4032 gal) 15% NE Fe HCl:

Acidize Gross Interval: 3971-3982 w/ 18 bbl (756) gal 15% HCl

a. Set RBP @ 4000 (between perf: 3982 & csg collar: 4010)
b. Pull EOT to 3982. Pump 18.0 bbl (756 gal) 15% NE Fe HCl followed by 4.3 bbl 2% KCl.
c. SD and allow well to equalize (approx. tbg column: 189-3982)
d. PUH & set PKR @ 3960 (between perfs: 3954 & 3971; csg collar: 3965)
e. Pump w/ 30 bbl 2% KCl (10.9 bbl over-flush). AIR: 5 BPM @ 3000#
f. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

Acidize Gross Interval: 3930-3954 w/ 36 bbl (1512 gal) 15% HCl

a. Set RBP @ 3960 (between perfs: 3954 & 3971; csg collar: 3965)
b. Pull EOT to 3954. Pump 22.2 bbl (930 gal) 15% NE Fe HCl
c. SD and allow well to equalize (approx. tbg column: 230-3954)
d. PUH & set PKR @ 3915 (between perfs 3910 & 3930; csg collar: 3919)
e. Pump additional 13.8bbl (582 gal) 15% NE Fe HCl.
f. Flush w/ 35 bbl 2% KCl (11.4 bbl over-flush). AIR: 5 BPM @ 3000#
g. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

Acidize Gross Interval: 3896-3910 w/ 18 bbl (756 gal) 15% HCl

a. Set RBP @ 3915 (between perfs 3910 & 3930; csg collar: 3919)
b. Pull EOT to 3910. Pump 18 bbl (756 gal) 15% NE Fe HCl followed by 3.9 bbl 2% KCl.
c. SD and allow well to equalize (approx. tbg column: 189-3910)
d. PUH & set PKR @ 3885 (between perfs 3871 & 3896; csg collar: 3874)
e. Flush w/ 30 bbl 2% KCl (10.8 bbl over-flush). AIR: 5 BPM @ 3000#
f. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

Acidize Gross Interval: 3866-3871 w/ 12 bbl (504 gal) 15% HCl

a. Set RBP @ 3885 (between perfs 3871 & 3896; csg collar: 3874)
b. Pull EOT to 3871. Pump 12 bbl (504 gal) 15% NE Fe HCl followed by 9.9 bbl 2% KCl.
c. SD and allow well to equalize (approx. tbg column: 126-3871)
d. PUH & set PKR @ 3855 (between perfs 3842 & 3866)
e. Flush w/ 25 bbl 2% KCl (12.2 bbl over-flush). AIR: 5 BPM @ 3000#
f. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

Acidize Gross Interval: 3837-3842 w/ 12 bbl (504 gal) 15% HCl

a. Set RBP PKR @ 3855 (between perfs 3842 & 3866)
b. Pull EOT to 3842. Pump 12 bbl (504 gal) 15% NE Fe HCl followed by 9.9 bbl 2% KCl.
c. SD and allow well to equalize (approx. tbg column: 125-3842)
d. PUH & set PKR @ 3820 (above perf: 3837; csg collar: 3828)
e. Flush w/ 25 bbl 2% KCl (12.3 bbl over-flush). AIR: 5 BPM @ 3000#
f. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

POOH w/ tbg, PKR & RBP.

8. PU & RIH w/ 3-1/2", 9.3#, N-80 tbg w/ PKR (5-1/2", 17#). Test tbg @ 8500# while RIH (3-1/2", 9.3#, N-80 Internal Yield Prs: 10,160#).

   Set PKR @ 3720 (between DVT: 3691-3694 & csg collar: 3739). Test 3-1/2" x 5-1/2" annulus & PKR @ 500#.

9. RU SLB. Set treating line pop-off to release @ 8500#.
   Set pump trips @ 8000#.
   Install spring-operated relief valve on csg-tbg annulus. Pre-set @ 500#.
   Load 3-1/2" x 5-1/2" annulus. Note annulus fill volume. Place 200# on csg.
   Test surface lines @ 9000#.

   ProTechnic to tag frac (Ir-192 @ 0.425 mCi per 1000# 20/40 Brown & Sb-124 @ 0.4 miC per 1000# resin-coated 20/40 Brown)

   Frac 3837-3982 down 3-1/2", 9.3#, N-80 tbg w/ 89,000 gal YF120ST w/ 68,250# 20/40 Brown sand & 57,750# resin-coated 20/40 Brown sand. Mark flush @ 1#. Flush w/ 1400 gal WF110 (capacity to uppermost perforation: 1474 gal; 35.1 bbl). Anticipated treating rate: 30 BPM @ 6000#:

			Clean Vol.			Proppant			Slurry Vol			Pump Time @ 30 BPM	
	Fluid	Proppant	gal	bbl	cum bbl	ppg	lbs	cum lbs	gal	bbl	cum bbl	min.	cum min.
Pad	YF120ST		35000	833.3	833.3	0.00	0	0	35000	833.3	833.3	27.8	27.8
Stage	YF120ST	20/40 Brown	3000	71.4	904.8	0.25	750	750	3034	72.2	905.6	2.4	30.2
Stage	YF120ST	20/40 Brown	3000	71.4	976.2	0.50	1500	2250	3068	73.0	978.6	2.4	32.6
Stage	YF120ST	20/40 Brown	3000	71.4	1047.6	0.75	2250	4500	3102	73.9	1052.5	2.5	35.1
Stage	YF120ST	20/40 Brown	3000	71.4	1119.0	1.00	3000	7500	3136	74.7	1127.1	2.5	37.6
Stage	YF120ST	20/40 Brown	3000	71.4	1190.5	1.25	3750	11250	3170	75.5	1202.6	2.5	40.1
Stage	YF120ST	20/40 Brown	3000	71.4	1261.9	1.50	4500	15750	3204	76.3	1278.9	2.5	42.6
Stage	YF120ST	20/40 Brown	3000	71.4	1333.3	1.75	5250	21000	3238	77.1	1356.0	2.6	45.2
Stage	YF120ST	20/40 Brown	3000	71.4	1404.8	2.00	6000	27000	3272	77.9	1433.9	2.6	47.8
Stage	YF120ST	20/40 Brown	3000	71.4	1476.2	2.25	6750	33750	3306	78.7	1512.6	2.6	50.4
Stage	YF120ST	20/40 Brown	3000	71.4	1547.6	2.50	7500	41250	3340	79.5	1592.1	2.7	53.1
Stage	YF120ST	20/40 Brown	3000	71.4	1619.0	2.75	8250	49500	3374	80.3	1672.4	2.7	55.7
Stage	YF120ST	20/40 Brown	3000	71.4	1690.5	3.00	9000	58500	3408	81.1	1753.6	2.7	58.5
Stage	YF120ST	20/40 Brown	3000	71.4	1761.9	3.25	9750	68250	3442	81.9	1835.5	2.7	61.2
Stage	YF120ST	RC 20/40 Brown	3000	71.4	1833.3	3.50	10500	78750	3476	82.8	1918.3	2.8	63.9
Stage	YF120ST	RC 20/40 Brown	3000	71.4	1904.8	3.75	11250	90000	3510	83.6	2001.8	2.8	66.7
Stage	YF120ST	RC 20/40 Brown	3000	71.4	1976.2	4.00	12000	102000	3544	84.4	2086.2	2.8	69.5
Stage	YF120ST	RC 20/40 Brown	3000	71.4	2047.6	4.00	12000	114000	3544	84.4	2170.6	2.8	72.4
Stage	YF120ST	RC 20/40 Brown	3000	71.4	2119.0	4.00	12000	126000	3544	84.4	2255.0	2.8	75.2
Flush	WF110		1400	33.3	2152.4	0	0	126000	1400	33.3	2288.3	1.1	76.3
			90400	2152			126000		96108	2288		76.3	

Report ISIP, SITP(5 min), SITP(10 min) & SITP(15 min). RD SLB. SDON.

10. SION to allow resin-coated sand to cure. Flow back well until dead. POOH & LD 3-1/2", 9.3#, N-80 frac string & PKR.

11. RU ProTechnic. NU lubricator. RIH w/ ProTechnic post-frac SpectraScan Spectral Gamma Ray memory tool. Log from 4250 to 3500 (gross completion interval: 3837-3982).

    POOH. ND & LD lubricator.

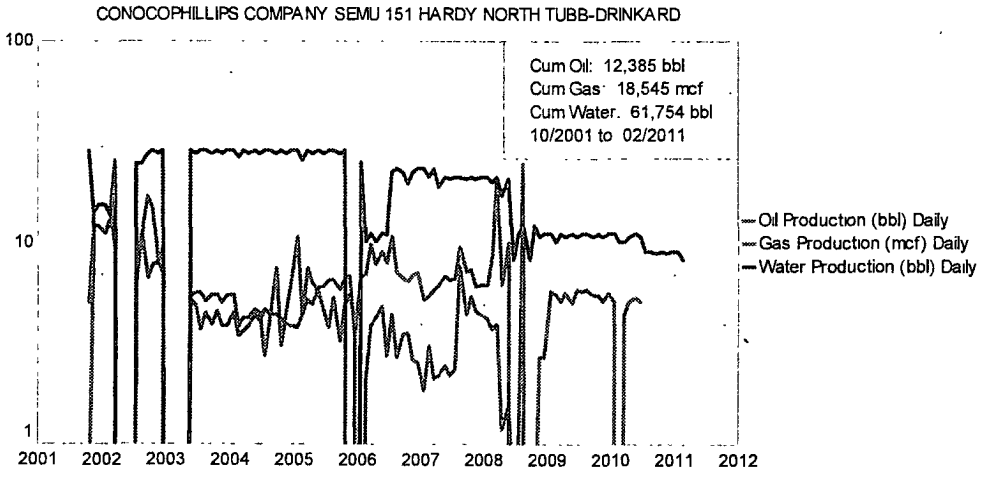
12. RIH. w / 2 7/8" tubing according to proposed design in well view. NDBOP. NUWH and run with rods as per Rodstar design in wellview. Space pump, hang well, load tubing and check pump action. RDMO. Handover to Operations.

	Capacity		Internal Diam. in.		Internal Yield (Burst) psi	
	bbl / ft	gal /ft	nom.	drift	100%	80%
2-7/8", 6.5#, J-55	0.00579	0.2431	2.441	2.347	7260	5808
3-1/2", 9.3#, N-80	0.0087	0.3652	2.992	2.867	10160	8128
5-1/2", 17#, J-55	0.02324	0.9764	4.892	4.767	5320	4256
2-7/8" x 5-1/2", 17#	0.0152	0.6392				
3-1/2" x 5-12/", 17#	0.0113	0.4766				

	SEMU 151 (API 30-025-35338)
	1650 FSL & 330 FEL, 25L-20S-37E
	Elev. 3525 KB; 3514 GL (KB - GL: 11 ft.)
04.23.01	Spud 12-1/4" hole
04.25.01	8-5/8", 24#, J-55 @ 1518. Cmt w/ 665 sx. Circ 34 bbl to surface.
05.13.01	TD @ 7900.
	5-1/2", 17#, K-55 @ 7900 w/ DVT @ 3652 (CBL 06 07.01). Cmt w/ total 850 sx. TOC surface (CBL 06.07.01)
	STRAWN
06.07.01	Perforate Strawn 7822-7856
	7876-7886
06.11.01	Isolate 7822-7856. Breakdown 7822-7856 w/ 300 gal 15% NE Fe HCl. P(max) 4800#. ISIP: 3000#.
	Acd 7822-7856 w/ 3000 gal 15% NEFe HCL & 100 bs @ 3-4 BPM. P(max): 5000#. P(avg): 4000#.
	ISIP: 4100#. SITP(5 min): 4000#. SITP(10 min): 3920#. SITP(15 min): 3850#
	note: limited leak-off may suggest low-perm
06.12.01	CIBP @ 7800. Cap w/ 35 ft cmt
	ABO
06 15.01	Perforate Abo: 7194-7196

	7202-7210
	7217-7219
	7234-7236
	7240-7247
	7315-7317
	7396-7400
	7447-7449
06.20.01	Acd 7194-7449 3000 gal 15% NEFe HCl & 120 bs @ 2-3 BPM. P(max): 6500#. P(avg): 6300#.
	ISIP: 6250#. SITP(5 min): 5750#. SITP(10 min): 5620#. SITP(15 min): 5575#. SITP(24 hrs): 5575#
	note: limited leak-off may suggest low-perm
06.21.01	CIBP @ 7000. Cap w/ 35 ft cmt
	DRINKARD
06.25.01	Perforate Drinkard 6843-6846
	6852-6855
	No record of Drinkard treatment or test
06.26.01	CIBP @ 6800. Cap w/ 35 ft cmt
	TUBB
06.28 01	Perforate Tubb. 6442-6444 @ 2 spf
	6449-6451 @ 2 spf
	6479-6492 @ 2 spf
	Acd 6442-6492 w/ 1200 gal 15% NE Fe HCl & 74 bs @ 5 BPM. Breakdown @ 3030#. P(max) 5050# (ball-out). P(avg): 3470#
	ISIP: 2330#. SITP(5 min): 2140#. SITP(10 min): 2051#. SITP(15 min): 1815#.
07.03.01	Frac 6442-6492 down 5-1/2" csg w/ 47,125 gal & 46,710# 16/30 RC sand @ 35-40 BPM. P(max): 3550#. P(avg): 3500#.
	Went to flush during 5-8# stage w/ 6# on perforations. Pump 30 bbl flush (capacity to top perf: 149.7 bbl).
	ISIP: 3250#. SICP(120 min): 1350#. Flow back 65 bbl in 45 minutes. Well died.
pre-09.17.01	Perforate Tubb. 6481-6494 @ 4 spf Spot 4000 gal 15% NEFe HCl.
09.17.01	Displace acd w/ 150 bbl (csg cap to perf: 150 bbl) 2% KCl slick water @ 26 BPM. ATP: 3680#.
	Run FET w/ 84 bbl (rates & prs NR). SD. ISIP: 2720# (grad 0.86 psi/ft)
	Pump 500 gal w/ 2 ppg 16/30 sand & displace w/ 150 bbl. AIR(start): 27 BPM @ 3950#. AIR(end): 27 BPM @ 3700#.
	Pump 24 bbl pre-pad followed by 176 bbl pad volume w/ 0.5 ppg 100-mesh sand.
	AIR(start): 20 BPM @ 3950#. AIR(end) 15 BPM @ 3950#.....rate decr from 20 BPM to 15 BPM w/ 26 bbl of 0.5 ppg 100-mesh in formation.
	SD. Flow back 30 bbl. Resume pumping. Pump 74 bbl @ 11 BPM. ATP 3950#. SD.
	Pump 4000 gal 15% NEFe HCL. AIR(start): 10 BPM @ 3880#. AIR(end). 12 BPM @ 3850#.
	Displace acd w/ 200 bbl. AIR(start). 12 BPM @ 3850#. AIR(end): 25 BPM @ 3500#.
	Pump 24 bbl pre-pad. AIR(start): 25 BPM @ 3500#. AIR(end): 33 BPM @ 3600#.
	Pump 365 bbl pad w/ 0.25# 100-mesh. AIR(start): 33 BPM @ 3600#. AIR(end): 34 BPM @ 3730#
	Pump 108 bbl 1-5 ppg stage. AIR(start): 33 BPM @ 3730#. AIR(end): 38 BPM @ 3590#
	Pump 124 bbl 5-8 ppg stage. AIR(start): 38 BPM @ 3590#. AIR(end): 40 BPM @ 3600#
	Pump 134 bbl 8-10 ppg stage. AIR(start) 40 BPM @ 3600#. AIR(end): 40 BPM @ 3700#
	Pump 70 bbl 10 ppg stage. AIR(start): 40 BPM @ 3700#. AIR(end): 40 BPM @ 3750#
	Pump 57 bbl flush & screened-out w/ 8# on perfs (cap to perf: 150 bbl). AIR(start): 40 BPM @ 3750#. AIR(end): 0 BPM @ 4000#.
10.28.01	IPP: 1 BOPD 98 BWPD 20 MCFPD
	Historical Well Tests
04.04.07	3 BOPD 21 BWPD 5 MCFPD

01.31.08	1 BOPD 5 BWPD 63 MCFPD
05.30.08	2 BOPD 11 BWPD 0 MCFPD
07.31.08	0 BOPD 12 BWPD 25 MCFPD
08.31.08	0 BOPD 12 BWPD 0 MCFPD
10.31.08	1 BOPD 11 BWPD 3 MCFPD
06.28.10	2 BOPD 9 BWPD 0 MCFPD



SEMU 151
30-025-35338
ConocoPhillips Co.
July 2, 2010
Conditions of Approval
Sundry dated 04/04/2012
Plug Back to Grayburg

Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging back operations. Lea County, call 575-393-3612.

Plugging Back operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

1. Surface disturbance beyond the originally approved pad must have prior approval.
2. Closed loop system required.
3. **Set CIBP at 6392' (50' to 100' above uppermost perforation) and spot 25 sx on the top. TAG to Be witness by BLM**
4. **Spot a minimum of 25 sx of cement from 5310'-5160'. (top of Glorietta at 5260') and TAG**
5. 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
6. Operator to have H2S monitoring equipment on location as H2S has been reported from wells in the area.
7. **Subsequent sundry with well test and wellbore schematic required.**

EGF 070212