

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-41485	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name STATE "S"	
8. Well Number 12	
9. OGRID Number 4323	
10. Pool name or Wildcat PENROSE SKELLY, GRAYBURG	
4. Well Location Unit Letter: C 990 feet from NORTH line and 1330 feet from the WEST line Section 15 Township 21S Range 37E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3445'	

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: NEW WELL COMPLETION

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.

06/04/2014: TIH W/GR/CCL/RCBL/CNL TO PBTD @ 4064.
06/10/2014: MIRU COMPLETION RIG. TIH W/2 7/8" TBG.
06/11/2014: TEST LINES @4000 PSIG. BREAK CIRC W/2% KCL WTR. PUMP 750 GALS 10% ACID.
06/18/2014: TIH W/GR/CCL. PERFORATED GRAYBURG FORMATION 3729-3732, 3737-3739, 3746-3748, 3767-3769, 3773-3776, 3780-3784, 3788-3802, 3810-3812, 3817-3820, 3824-3828, 3832-3835, 3843-3854, 3856-3861, 3866-3870, 3875-3877, 3881-3893, 3899-3903, 3906-3907, 3909-3915, 3918-3920, 3924-3931, 3933-3942, 3948-3952, 3956-3963. 234 HOLES. PMP 17 BBLS 2% KCL WTR DN CSG. CSG ON VAC.
06/21/2014: FRAC W/184,765 LBS OF PROPPANT (WHITE 100 MESH & 16/30 SAND) & 105,903 GALS WTR.
06/23/2014: TIH W/80 JTS TBG. EOT @ 2600. TAG SAND @ 2816. WASH SAND DN TO 2946.
06/24/2014: EOT @ 2853. TAG SAND @ 2946. WASH OUT SAND DN TO 4064.
06/25/2014: SET PKR @ 3612.
06/26/2014: EOT @ 3702. SN @ 3647. TAC @ 3581.
06/27/2014: TIH W/ GAS ANCHOR, PUMP & RODS.
07/02/2014: RIG DOWN.
08/04/2014: ON 24 HR OPT. PUMPING 18 OIL, 90 GAS, & 80 WATER.

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 Denise Pinkerton TITLE REGULATORY SPECIALIST

DATE 09/29/2014

Type or print name DENISE PINKERTON
For State Use Only

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

APPROVED BY: Petroleum Engineer TITLE

DATE 10/17/14
OCT 20 2014

HOBBS OCD

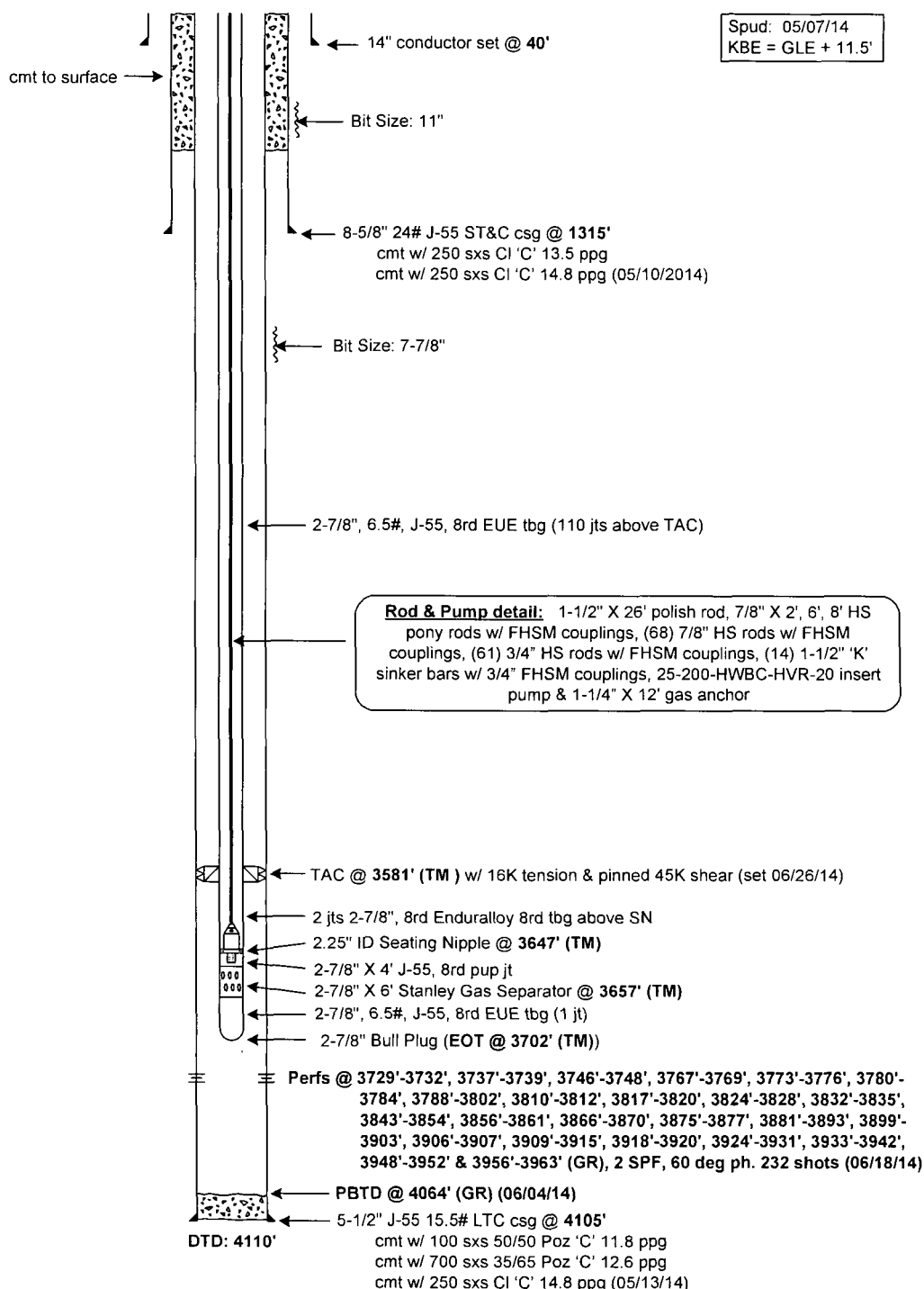
SEP 30 2014

WELL DIAGRAM

RECEIVED

Well: State 'S' #12
Location: Section 15, T21S, R37E
Field: Penrose Skelly
County: Lea
State: New Mexico

Operator: Brammer Engineering, Inc.
API No.: 30-025-41485
Date: 06/30/2014
Drawn By: JAW
Brammer Engineering, Inc.



NOT TO SCALE

History of Well

Well Name: State S #12

Brammer Engineering, Inc.

API/UWI 30-025-41485	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft) 3,445.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/7/2014 21:30	Drilling Rig Release Date 5/14/2014 05:00

Time Log

Dur (hr)	Report
12.00	SICP=0#. MI RWI Construction eqpt. Emptied cellar. Cleaned 8-5/8" csg below wellhead to top of conductor. Wrapped 8-5/8" csg w/ protective tape. Piped csg valves to surface and wrapped with protective tape. Filled cellar w/ pea gravel. Filled in drilling ditches and dressed off location. MO RWI. REPORT SUSPENDED PENDING FURTHER ACTIVITY.

Cost Details

Operations Code Completion	Report Field Est 4,135	Cum Field Est 115,925
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/4/2014 to 6/5/2014

Well Status - 13- Completion

Report Number 16	Days From Spud 28	Daily Field Est Total 11,822	Cum Field Est To Date 667,509
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Current Operations

Ran RBL & CNL Logs

Depth at Report Time (TVD)	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=0#. MIRU Archer ELU, mast unit & pump trk. Loaded 5-1/2" csg w/ 2% KCl wtr. Pressure tested 5-1/2" csg to 4000# - OK. Released press. ND blind flg. RIH w/ 4.675" OD GR/JB to PBTD @ 4064' (GR). No problems. POOH, LD GR/JB. JB clean. RIH w/ GR/CCL/RCL/CNL logging tools to PBTD @ 4064' (GR). Ran 300' repeat section on btm w/ 0 PSI imposed surface press. Lowered logging tools back to PBTD. Pressured 5-1/2" csg to 1000 PSI. Ran main log from PBTD to surface. Released press. POOH, LD logging tools. NU blind flg. RDMO Archer. MI Mico completion rig. SDFN.

Cost Details

Operations Code Completion	Report Field Est 11,822	Cum Field Est 127,747
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/5/2014 to 6/6/2014

Well Status - 13- Completion

Report Number 17	Days From Spud 29	Daily Field Est Total	Cum Field Est To Date 667,509
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Current Operations

No Activity

Depth at Report Time (TVD)	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=0#. No activity. Pumping unit is being set.

Cost Details

Operations Code Completion	Report Field Est 0	Cum Field Est 127,747
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/10/2014 to 6/11/2014

Well Status - 13- Completion

Report Number 18	Days From Spud 34	Daily Field Est Total 8,685	Cum Field Est To Date 676,194
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Current Operations

NU and test BOPE

Depth at Report Time (TVD)	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP = 0#. MIRU Micro Completion Rig. Hold PJSM. Nd blind flange. NU and test BOPE. PU and TIH w/ 2-7/8" NC, 122 jts 2-7/8" J-55 EUE tbg. Close well in. Secure site. SDFN. MIRU 6 fresh water frac tanks & 1- 2% KCl frac tank.

Cost Details

Operations Code Completion	Report Field Est 8,685	Cum Field Est 136,432
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

History of Well

Well Name: State S #12

Brammer Engineering, Inc.

API/UWI 30-025-41485	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft) 3,445.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/7/2014 21:30	Drilling Rig Release Date 5/14/2014 05:00

Daily Operations for 6/11/2014 to 6/12/2014

Well Status - 13- Completion

Report Number	Days From Spud	Daily Field Est Total	Cum Field Est To Date
19	35	14,960	691,154

Current Operations

Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	Last Casing String
4,110	4,110	4,110	0	5 1/2" Production Casing, 4,105.0ftKB

Time Log

Dur (hr)	Report
12.00	SICP = 0#. Crew to location. Hold PJSM. Open BOP. TIH w/ 10 stands 2 7/8" tbg to 3955'. Close BOP. MIRU Warrior high pressure pump equipment. Hold PJSM with all personal on location. Test lines @ 4000 Psig. Ok. Break circulation with 2% KCl water. Pump 750 gals 10% Double inhibited Acetic acid. Displace w/ 18 bbls 2% KCl water to spot balanced plug across potential Grayburg perms 3955' - 3690'. Check for flowback. Ok. RDMO Warrior Energy Services. POOH and LD 30 jts 2 7/8" tbg. Close BOP. Secure well. SDFN.

Cost Details

Operations Code Completion	Report Field Est	Cum Field Est
	14,960	151,392
Operations Code Drilling	Report Field Est	Cum Field Est
	0	539,762

Daily Operations for 6/12/2014 to 6/13/2014

Well Status - 13- Completion

Report Number	Days From Spud	Daily Field Est Total	Cum Field Est To Date
20	36	5,627	696,781

Current Operations
RDMO completion rig.

Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	Last Casing String
4,110	4,110	4,110	0	5 1/2" Production Casing, 4,105.0ftKB

Time Log

Dur (hr)	Report
12.00	SICP = 0#. Crew to location. Hold PJSM. Open BOP. POOH and lay down 92 jts 2-7/8" tbg, & 2-7/8" NC. ND BOP. NU blind flange. RDMO Mico completion rig. SDFN.

Cost Details

Operations Code Completion	Report Field Est	Cum Field Est
	5,627	157,019
Operations Code Drilling	Report Field Est	Cum Field Est
	0	539,762

Daily Operations for 6/13/2014 to 6/14/2014

Well Status - 13- Completion

Report Number	Days From Spud	Daily Field Est Total	Cum Field Est To Date
21	37	529	697,310

Current Operations
No Activity

Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	Last Casing String
4,110	4,110	4,110	0	5 1/2" Production Casing, 4,105.0ftKB

Time Log

Dur (hr)	Report
12.00	SICP=0#. No activity.

Cost Details

Operations Code Completion	Report Field Est	Cum Field Est
	529	157,548
Operations Code Drilling	Report Field Est	Cum Field Est
	0	539,762

Daily Operations for 6/14/2014 to 6/15/2014

Well Status - 13- Completion

Report Number	Days From Spud	Daily Field Est Total	Cum Field Est To Date
22	38	1,529	698,839

Current Operations
NU Frac Stack

Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	Last Casing String
4,110	4,110	4,110	0	5 1/2" Production Casing, 4,105.0ftKB

Time Log

Dur (hr)	Report
12.00	SICP=0#. NU frac stack. SWI. SDFN.

History of Well

Well Name: State S #12

Brammer Engineering, Inc.

API/UVI 30-025-41485	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft) 3,445.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/7/2014 21:30	Drilling Rig Release Date 5/14/2014 05:00

Cost Details

Operations Code Completion	Report Field Est 1,529	Cum Field Est 159,077
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/15/2014 to 6/16/2014

Well Status - 13- Completion

Report Number 23	Days From Spud 39	Daily Field Est Total 529	Cum Field Est To Date 699,368
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Current Operations
No Activity

Depth at Report Time (TVD)	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=0#. No activity.

Cost Details

Operations Code Completion	Report Field Est 529	Cum Field Est 159,606
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/16/2014 to 6/17/2014

Well Status - 13- Completion

Report Number 24	Days From Spud 40	Daily Field Est Total 636	Cum Field Est To Date 700,004
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Current Operations
No Activity

Depth at Report Time (TVD)	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=0#. No activity.

Cost Details

Operations Code Completion	Report Field Est 636	Cum Field Est 160,242
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/17/2014 to 6/18/2014

Well Status - 13- Completion

Report Number 25	Days From Spud 41	Daily Field Est Total 5,636	Cum Field Est To Date 705,640
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Current Operations
Prep for Frac

Depth at Report Time (TVD)	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=0#. Rock Trucking filled 6 frac tanks w/ 2700 BFW & 1 frac tank w/ 2% KCl wtr. Frac scheduled for Saturday, 6/21/14. SDFN.

Cost Details

Operations Code Completion	Report Field Est 5,636	Cum Field Est 165,878
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/18/2014 to 6/19/2014

Well Status - 13- Completion

Report Number 26	Days From Spud 42	Daily Field Est Total 58,866	Cum Field Est To Date 764,506
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Current Operations
Perforated Grayburg

Depth at Report Time (TVD)	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Well Name: State S #12

Brammer Engineering, Inc.

API/UWI 30-025-41485	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft) 3,445.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/7/2014 21:30	Drilling Rig Release Date 5/14/2014 05:00

Time Log

Dur (hr)	Report
12.00	SICP=0#. MIRU Archer ELU & mast unit & Rock Energy pump trk. Pressure tested 5-1/2" csg, frac stack & flowback iron to 4000# - OK. Released press. RIH w/ gauge ring/junk basket to PBD. No problems. POOH, LD GR/JB, JB clean. RIH w/ GR/CCL logging tools & 3-3/8" csg guns loaded 2 SPF, 60 deg ph. Ran tie-in strips & correlated all runs w/ CNL log dated 6/4/14. Perforated Grayburg formation 3729'-3732', 3737'-3739', 3746'-3748', 3767'-3769', 3773'-3776', 3780'-3784', 3788'-3802', 3810'-3812', 3817'-3820', 3824'-3828', 3832'-3835', 3843'-3854', 3856'-3861', 3866'-3870', 3875'-3877', 3881'-3893', 3899'-3903', 3906'-3907', 3909'-3915', 3918'-3920', 3924'-3931', 3933'-3942', 3948'-3952' & 3956'-3963' (GR). Total 234 holes. POOH. All shots fired. RDMO Archer. Pumped 17 bbls 2% KCl wtr down 5-1/2" csg. Csg would not load @ 1.5 BPM. SD pump. Csg on vac. SWI. RDMO pump trk. MI 125 jts (4054) new 2-7/8", 6.5#, J-55, 8rd, EUE tbg to pipe racks. Frac date scheduled for Saturday, 6/21/14. SDFN.

Cost Details

Operations Code Completion	Report Field Est 58,866	Cum Field Est 224,744
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/19/2014 to 6/20/2014

Well Status - 13- Completion

Report Number 27	Days From Spud 43	Daily Field Est Total 636	Cum Field Est To Date 765,142
Current Operations No Activity			
Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0
Last Casing String 5 1/2" Production Casing, 4,105.0ftKB			

Time Log

Dur (hr)	Report
12.00	No activity. Frac scheduled for Saturday, 6/21/14.

Cost Details

Operations Code Completion	Report Field Est 636	Cum Field Est 225,380
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/20/2014 to 6/21/2014

Well Status - 13- Completion

Report Number 28	Days From Spud 44	Daily Field Est Total 1,809	Cum Field Est To Date 766,951
Current Operations Prep for Frac			
Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0
Last Casing String 5 1/2" Production Casing, 4,105.0ftKB			

Time Log

Dur (hr)	Report
12.00	SICP=0#. Final preparations for frac. SDFN.

Cost Details

Operations Code Completion	Report Field Est 1,809	Cum Field Est 227,189
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/21/2014 to 6/22/2014

Well Status - 13- Completion

Report Number 29	Days From Spud 45	Daily Field Est Total 113,778	Cum Field Est To Date 880,729
Current Operations Frac Grayburg			
Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0
Last Casing String 5 1/2" Production Casing, 4,105.0ftKB			

Time Log

Dur (hr)	Report
1.00	SICP=0#. MIRU Baker Hughes frac eqpt. Press tested lines to 6356# - OK. Released press. Loaded 5-1/2" csg w/ 16 bbls 2% KCl wtr. Pumped 25# Linear Gel, BDF 1189# @ 10.4 BPM. Cont'd pumping down 5-1/2" csg per Baker Hughes frac design per attached frac sheet.
12.00	All 4 ppg 16/30 White sand in formation pressure began increasing. Started 4 ppg 16/30 Super LC. Screened out. Attempted to flush, could not. Pumped 5310 lbs 100 mesh White, 174,095 lbs 16/30 White and 5360 lbs 16/30 Super LC. Load to Recover = 2305 bbls. SWI. RDMO Baker.

History of Well

Well Name: State S #12

Brammer Engineering, Inc.

API/UWI 30-025-41485	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft) 3,445.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/7/2014 21:30	Drilling Rig Release Date 5/14/2014 05:00

Cost Details

Operations Code Completion	Report Field Est 113,778	Cum Field Est 340,967
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/22/2014 to 6/23/2014

Well Status - 13- Completion

Report Number 30	Days From Spud 46	Daily Field Est Total 694	Cum Field Est To Date 881,423
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Current Operations

No Activity

Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=0#. No activity.

Cost Details

Operations Code Completion	Report Field Est 694	Cum Field Est 341,661
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/23/2014 to 6/24/2014

Well Status - 13- Completion

Report Number 31	Days From Spud 47	Daily Field Est Total 24,723	Cum Field Est To Date 906,146
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Current Operations

Clean Out Casing

Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=slight vac. ND frac tree. MIRU Mico completion rig. NU & tested BOP's - OK. RIH w/ 4-5/8" bit, bit sub & 80 jts 2-7/8", 6.5#, J-55, 8rd tbg. EOT @ 2600' (TM). MIRU Foam air unit. Broke circ. CIH w/ 2-7/8" tbg. Tagged sand @ 2816' (TM). RU power swivel. Broke circ. Washed sand out down to 2946' (TM). Circ hole clean. POOH w/ 88 jts 2-7/8" tbg. SWI. SDFN.

Cost Details

Operations Code Completion	Report Field Est 24,723	Cum Field Est 366,384
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/24/2014 to 6/25/2014

Well Status - 13- Completion

Report Number 32	Days From Spud 48	Daily Field Est Total 16,698	Cum Field Est To Date 922,844
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Current Operations

Finish Cleaning Out Casing

Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=250#. Opened well on 6/64" chk to flow back tank. CP=0#. RIH w/ 4-5/8" bit, bit sub & 88 jts 2-7/8" tbg. EOT @ 2853' (TM). RU Foam air unit. Broke circ. CIH w/ 2-7/8" tbg. Tagged sand @ 2946' (TM). RU power swivel. Broke circ. Washed out sand down to 3510' (TM). Well began to kick and unload sand. Used adjustable chk to control flow rate @ 1 BPM. Circ 1.5 hrs, sand cleaned up. CIH w/ 2-7/8" tbg & washed out sand down to PBD @ 4064'. Circ 2.5 hole volumes to clean up sand w/ good show of oil & gas. RD PS. POOH w/ 125 jts 2-7/8" tbg, bit sub & bit. RDMO Foam air unit. SWI. SDFN.

Cost Details

Operations Code Completion	Report Field Est 16,698	Cum Field Est 383,082
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Well Name: State S #12

Brammer Engineering, Inc.

API/UWI 30-025-41485	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft) 3,445.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/7/2014 21:30	Drilling Rig Release Date 5/14/2014 05:00

Daily Operations for 6/25/2014 to 6/26/2014

Well Status - 13- Completion

Report Number 33	Days From Spud 49	Daily Field Est Total 12,024	Cum Field Est To Date 934,868
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Current Operations

Swab Test Grayburg

Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=410#. Opened well on 6/64" adj chk to flowback tank. CP=0#. RIH w/ 5-1/2" Arrowset pkr from Chevron stock, SN & 112 jts 2-7/8" tbg. Set pkr @ 3612' (TM). RU swab. Tagged initial FL @ 300', pulled from 1300', recovered 6 BF, 100% oil. Cont'd swabbing per attached swab report. Recovered 225 bbls oil cut fluid w/ good show of gas in 36 swab runs. SWI 1-1/2 hrs due to severe thunderstorm. FL consistently @ 2500'. No sand. Load LTR=2080 bbls. RD swab. SWI. SDFN.

Cost Details

Operations Code Completion	Report Field Est 12,024	Cum Field Est 395,106
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/26/2014 to 6/27/2014

Well Status - 13- Completion

Report Number 34	Days From Spud 50	Daily Field Est Total 37,932	Cum Field Est To Date 972,800
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Current Operations

POOH w/ Pkr, RIH w/ TAC

Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SITP=610#. SICP=0#. Opened well to flowback tank on 6/64" adj chk. CP=0#, well headed & flowed small amt of oil & quit after 4 hrs. Released pkr. RIH w/ 2-7/8" tbg & tagged PBTD @ 4064' (GR), no fill. POOH w/ 2-7/8" tbg, LD pkr. RIH w/ 1 jt 2-7/8", 6.5#, J-55, 8rd EUE tbg, 2-7/8" X 6' Stanley Gas Separator, 2-7/8" X 4' J-55 pup jt, 2.25" ID seating nipple, 2 jts 2-7/8" 8rd Endurallloy tbg, 5-1/2" X 2-7/8" Baker TAC set w/ 45K shear pins & 110 jts 2-7/8", 6.5#, J-55, 8rd EUE tbg. EOT @ 3702' (TM). SN @ 3647' (TM). ND BOP's. Set TAC @ 3581' (TM) w/ 16K tension. NU 7-1/16" 3K X 2-7/8" EUE 'B-1' adapter flg. NU rod BOP's & pumping tee. SWI. SDFN.

Cost Details

Operations Code Completion	Report Field Est 37,932	Cum Field Est 433,038
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

Daily Operations for 6/27/2014 to 6/28/2014

Well Status - 13- Completion

Report Number 35	Days From Spud 51	Daily Field Est Total 15,356	Cum Field Est To Date 988,156
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Current Operations

RIH w/ Rods, RDMO Completion Rig

Depth at Report Time (TVD) 4,110	Start Depth (ftKB) 4,110	End Depth (ftKB) 4,110	Depth Progress (ft) 0	Last Casing String 5 1/2" Production Casing, 4,105.0ftKB
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Time Log

Dur (hr)	Report
12.00	SICP=0#. SITP=620#. Opened tbg to flowback tank on 6/64" adj chk. TP=0# flowing small amt of oil. Allowed well to load up. Stroke tested insert pump on surface - OK. RIH w/ 1-1/4" X 12' gas anchor, 25-200-HWBC-20-3 insert pump (pump # BR-004), (14) 1-1/2" 'K' sinker bars w/ 3/4" pins & FHSM couplings, (61) 3/4" HS rods w/ FHSM couplings, (68) 7/8" HS rods w/ FHSM couplings, 7/8" X 8', 6' & 2' HS pony rods & 1-1/2" X 26' polish rod w/ 22' SM. Seated pump. Installed load cell. Spaced rods 12" off btm. MIRU Rock Trucking pump trk w/ 2% KCl wtr treated w/ 20 gals surfactant & 5 gals biocide. Loaded tbg w/ 5 bbls treated 2% KCl wtr. Pressure tested pump & tbg to 500# - OK. Released press to 250#. Long stroked pump w/ rig. Pressured up against pump trk to 500# - OK. Released press. Pumped 45 bbls treated 2% KCl wtr down csg. RDMO pump trk. Installed horse head. Latched rods. SWI. RDMO completion rig & eqpt. Cleaned location of trash & debris. Turned well over to Chevron Production Personnel. REPORT SUSPENDED PENDING FURTHER ACTIVITY. NOTES: Gas Buster tank w/ flowback water & oil left on location as requested for future oil sales. Dropped 5 biocide sticks down csg prior to RIH w/ 2-7/8" tbg.

Cost Details

Operations Code Completion	Report Field Est 15,356	Cum Field Est 448,394
Operations Code Drilling	Report Field Est 0	Cum Field Est 539,762

History of Well

Well Name: State S #12

Brammer Engineering, Inc.

API/UWI 30-025-41485	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft) 3,445.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/7/2014 21:30	Drilling Rig Release Date 5/14/2014 05:00

Daily Operations for 7/2/2014 to 7/3/2014

Well Status - 13- Completion

Report Number	36	Days From Spud	56	Daily Field Est Total	4,030	Cum Field Est To Date	992,186
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Current Operations

Transfer Flowback Tank Fluids

Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	Last Casing String
	4,110	4,110	0	5 1/2" Production Casing, 4,105.0ftKB

Time Log

Dur (hr)	Report
12.00	Rock Trucking pump trk transferred 120 bbls oil/water mixture fluid from gas buster flowback tank on location from completion operations to Chevron State 'S' tank battery per Mr. Clarence Fite's instruction. MO pump trk & flowback tank. FINAL REPORT.

Cost Details

Operations Code	Report Field Est	Cum Field Est
Completion	4,030	452,424
Operations Code	Report Field Est	Cum Field Est
Drilling	0	539,762