Office	State of New Me	exico	Form C-103	
<u>District I</u> – (575) 393-6161	Energy, Minerals and Natu	ıral Resources	Revised July 18, 2013	_
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.	
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION	DIVISION	30-025-41554	4
<u>District III</u> – (505) 334-6178	1220 South St. Fran		5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87		STATE FEE	1
<u>District IV</u> – (505) 476-3460	Sama re, Nivi 87	7303	6. State Oil & Gas Lease No.	
1220 S. St. Francis Dr., Santa Fe, NM 87505				
	ES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name	1
(DO NOT USE THIS FORM FOR PROPOSA			7. Bouse runne of our rigicoment runne	
DIFFERENT RESERVOIR. USE "APPLICA	ATION FOR PERMIT" (FORM C-101) FO	OR SUCH	H.T. MATTERN NCT-B	
PROPOSALS.)	H	OBBS OCD	8. Well Number 29	1
V *	Gas Well Other			
2. Name of Operator	/ 01	CT 1 6 2014	9. OGRID Number 4323	
CHEVRON U.S.A. INC. 3. Address of Operator	0.0	<u> </u>	10. Pool name or Wildcat	-
15 SMITH ROAD, MIDLAND, TE	XAS 79705		PENROSE SKELLY, GRAYBURG	
	77703	RECEIVED	TERROSE SKEELT, GRATIBORG	-
4. Well Location				
Unit Letter: J 2310 fee	from SOUTH line and 1460 fe	eet from the EAST	line	
Section 30		Range 37E	NMPM County LEA	İ
	11. Elevation (Show whether DR,	, RKB, RT, GR, etc.		1
	3485'	,		6
				3
12 Check A	opropriate Box to Indicate Na	ature of Notice	Report or Other Data	
12. Check M	propriate Box to indicate 13	ature of motice,	Report of Other Data	
NOTICE OF INT	ENTION TO	SUB	SEQUENT REPORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WOR		
		1		
TEMPORARILY ABANDON DULL OF ALTER CARDING		COMMENCE DRI	-	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	I JOB	
DOWNHOLE COMMINGLE				
CLOSED-LOOP SYSTEM				
OTHER:			W WELL COMPLETION	
			d give pertinent dates, including estimated date	
		C. For Multiple Cor	mpletions: Attach wellbore diagram of	
proposed completion or reco				
05/13/2014: TIH W/GR/JB TO PBTI) @ 3838. RIH W/GR/CCL/RCBI	L/CNL TO PBTD @	@ 3838.	
06/03/2014: MIRU COMPLETION I	RIG. TIH W/2 7/8" TBG. TAG PI	BTD @ 3838. DRII	LL OUT CMT TO 3960.	
			R/JB TO PBTD @ 3980. TIH	
00/04/2014. EO1 @ 3930. FINIT & 31	POT 750 GALS 10% ACID FR 32			
W/CNL/GR/CCL. TAG PBTD @ 398	30. RAN CNL 3980-3630.	TION 3949-3951.	3945-3948, 3936-3940, 3932-3935, 3920-	P
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF	80. RAN CNL 3980-3630. ORATED GRAYBURG FORMA		3945±3948, 3936-3940, 3932-3935, 3920- 3868-3870, 3859-3865, 3848-3855, 3842-3845	F
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 903, 3892-3894, 3886-3889, 3882-	-3885, 3872-3876, 3	3868-3870, 3859-3865, 3848-3855, 3842-3845	,
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 38	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 903, 3892-3894, 3886-3889, 3882- 815-3817, 3810-3813, 3807-3809,	-3885, 3872-3876, 3 , 3803-3807, 3784-3	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772,	,
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 38 3762-3765, 3749-3751, 3747-3749, 37	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 903, 3892-3894, 3886-3889, 3882- 815-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737,	-3885, 3872-3876, 3 , 3803-3807, 3784-3	3868-3870, 3859-3865, 3848-3855, 3842-3845	,
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 30362-3765, 3749-3751, 3747-3749, 373679-3681. 240 HOLES. PMP 17 BB	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 203, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, 3LS 2% KCL WTR DN CSG.	-3885, 3872-3876, 3 , 3803-3807, 3784-3 , 3730-3731, 3722-3	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707,	,
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-393834-3837, 3828-3829, 3820-3824, 38362-3765, 3749-3751, 3747-3749, 373679-3681. 240 HOLES. PMP 17 BI 06/13/2014: FRAC W/285,460 LBS 06/13/2014: FRAC W/285 06/14/2014: FRAC W/2	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 2003, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, BLS 2% KCL WTR DN CSG. DF PROPPANT (WHITE 100 ME	-3885, 3872-3876, 3 , 3803-3807, 3784-3 , 3730-3731, 3722-3	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707,	,
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 38 3762-3765, 3749-3751, 3747-3749, 37 3679-3681. 240 HOLES. PMP 17 BI 06/13/2014: FRAC W/285,460 LBS 06/16/2014: EOT @ 3681. TAG FIL	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 2003, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, BLS 2% KCL WTR DN CSG. DF PROPPANT (WHITE 100 ME	-3885, 3872-3876, 3 , 3803-3807, 3784-3 , 3730-3731, 3722-3	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707,	,
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W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 38 3762-3765, 3749-3751, 3747-3749, 37 3679-3681. 240 HOLES. PMP 17 Bl 06/13/2014: FRAC W/285,460 LBS 06/16/2014: EOT @ 3681. TAG FIL 06/17/2014: PKR @ 3629. 06/18/2014: TIH W/TBG. TAG PBT	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 903, 3892-3894, 3886-3889, 3882- 815-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, BLS 2% KCL WTR DN CSG. OF PROPPANT (WHITE 100 ME L @ 3930. PBTD @ 3980'. D @ 3980. EOT @ 3664. SN @ 3	-3885, 3872-3876, 3 , 3803-3807, 3784-3 , 3730-3731, 3722-3 ESH & 16/30 SAND	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707, D & 115,908 GALS WTR.	,
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W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 30 3762-3765, 3749-3751, 3747-3749, 30 3679-3681. 240 HOLES. PMP 17 B1 06/13/2014: FRAC W/285,460 LBS 06/16/2014: EOT @ 3681. TAG FIL 06/17/2014: PKR @ 3629. 06/18/2014: TIH W/TBG. TAG PBT 06/19/2014: RIG DOWN COMPLET 07/19/2014: ON 24 HR OPT. PUMP	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 203, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, 3LS 2% KCL WTR DN CSG. OF PROPPANT (WHITE 100 MEL @ 3930. PBTD @ 3980'. D @ 3980. EOT @ 3664. SN @ 3610 N RIG. PING 27 OIL, 113 GAS,& 105 WA	-3885, 3872-3876, 3, 3803-3807, 3784-3, 3730-3731, 3722-3 ESH & 16/30 SAND 6621. TAC @ 3555 ATER.	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707, D & 115,908 GALS WTR.	·
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 39 3679-3681. 240 HOLES. PMP 17 BI 06/13/2014: FRAC W/285,460 LBS 06/16/2014: EOT @ 3681. TAG FIL 06/17/2014: PKR @ 3629. 06/18/2014: TIH W/TBG. TAG PBT 06/19/2014: AIG DOWN COMPLET 07/19/2014: ON 24 HR OPT. PUMP Spud Date:	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 203, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, 3LS 2% KCL WTR DN CSG. OF PROPPANT (WHITE 100 ME L @ 3930. PBTD @ 3980'. D @ 3980. EOT @ 3664. SN @ 300 MIG. FING 27 OIL, 113 GAS,& 105 WAR Rig Release Da	-3885, 3872-3876, 3, 3803-3807, 3784-3, 3730-3731, 3722-3 ESH & 16/30 SAND 6621. TAC @ 3555 ATER. est of my knowledg	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707, D & 115,908 GALS WTR.	·
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W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 39 3762-3765, 3749-3751, 3747-3749, 37 3679-3681. 240 HOLES. PMP 17 B1 06/13/2014: FRAC W/285,460 LBS 06/16/2014: EOT @ 3681. TAG FIL 06/17/2014: PKR @ 3629. 06/18/2014: TIH W/TBG. TAG PBT 06/19/2014: RIG DOWN COMPLET 07/19/2014: ON 24 HR OPT. PUMP Spud Date:	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 203, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, 3LS 2% KCL WTR DN CSG. OF PROPPANT (WHITE 100 MEL @ 3930. PBTD @ 3980'. D @ 3980. EOT @ 3664. SN @ 3610 STON RIG. TION RIG. Rig Release Da Dove is true and complete to the beat over its	-3885, 3872-3876, 3, 3803-3807, 3784-3, 3730-3731, 3722-3 ESH & 16/30 SAND 6621. TAC @ 3555 ATER. est of my knowledg ULATORY SPECIA s: leakejd@chevro	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707, D & 115,908 GALS WTR. TIH W/PMP & RODS. THE W/PMP & RODS. DATE 09/29/2014 DATE 09/29/2014	·
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 30 3679-3681. 240 HOLES. PMP 17 BB 06/13/2014: FRAC W/285,460 LBS 06/16/2014: EOT @ 3681. TAG FIL 06/17/2014: PKR @ 3629. 06/18/2014: TIH W/TBG. TAG PBT 06/19/2014: RIG DOWN COMPLET 07/19/2014: ON 24 HR OPT. PUMP Spud Date: Thereby certify that the information all SIGNATURE Type or print name DENISE PINKE For State Use Only	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 203, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, 3LS 2% KCL WTR DN CSG. OF PROPPANT (WHITE 100 MEL @ 3930. PBTD @ 3980'. D @ 3980. EOT @ 3664. SN @ 3610 STON RIG. TION RIG. Rig Release Da Dove is true and complete to the beat over the second of the second o	-3885, 3872-3876, 3, 3803-3807, 3784-3, 3730-3731, 3722-3 ESH & 16/30 SAND 6621. TAC @ 3555 ATER. est of my knowledg ULATORY SPECIA	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707, D & 115,908 GALS WTR. TIH W/PMP & RODS. THE W/PMP & RODS. THE OP/29/2014 DATE 09/29/2014 DATE 09/29/2014	,
W/CNL/GR/CCL. TAG PBTD @ 398 06/11/2014: TIH W/GR/CCL. PERF 3924, 3908-3910, 3904-3906, 3898-39 3834-3837, 3828-3829, 3820-3824, 38 3762-3765, 3749-3751, 3747-3749, 37 3679-3681. 240 HOLES. PMP 17 BB 06/13/2014: FRAC W/285,460 LBS 06/16/2014: EOT @ 3681. TAG FIL 06/17/2014: PKR @ 3629. 06/18/2014: TIH W/TBG. TAG PBT 06/19/2014: RIG DOWN COMPLET 07/19/2014: ON 24 HR OPT. PUMP Spud Date: I hereby certify that the information all SIGNATURE Type or print name DENISE PINKE	30. RAN CNL 3980-3630. ORATED GRAYBURG FORMA 203, 3892-3894, 3886-3889, 3882- 315-3817, 3810-3813, 3807-3809, 744-3745, 3739-3741, 3733-3737, 3LS 2% KCL WTR DN CSG. OF PROPPANT (WHITE 100 MEL @ 3930. PBTD @ 3980'. D @ 3980. EOT @ 3664. SN @ 3610 STON RIG. TION RIG. Rig Release Da Dove is true and complete to the beat over its	-3885, 3872-3876, 3, 3803-3807, 3784-3, 3730-3731, 3722-3 ESH & 16/30 SAND 6621. TAC @ 3555 ATER. est of my knowledg ULATORY SPECIA s: leakejd@chevro	3868-3870, 3859-3865, 3848-3855, 3842-3845 3786, 3781-3783, 3775-3777, 3769-3772, 3728, 3717-3719, 3710-3715, 3703-3707, D & 115,908 GALS WTR. TIH W/PMP & RODS. THE W/PMP & RODS. DATE 09/29/2014 DATE 09/29/2014	· ·

WELL DIAGRAM

Well:

Mattern NCT 'B' #29, H.T.

Location: Section 30, T21S, R37E

Field:

State:

Penrose Skelly

County:

<u>Lea</u>

New Mexico

Operator:

Brammer Engineering, Inc.

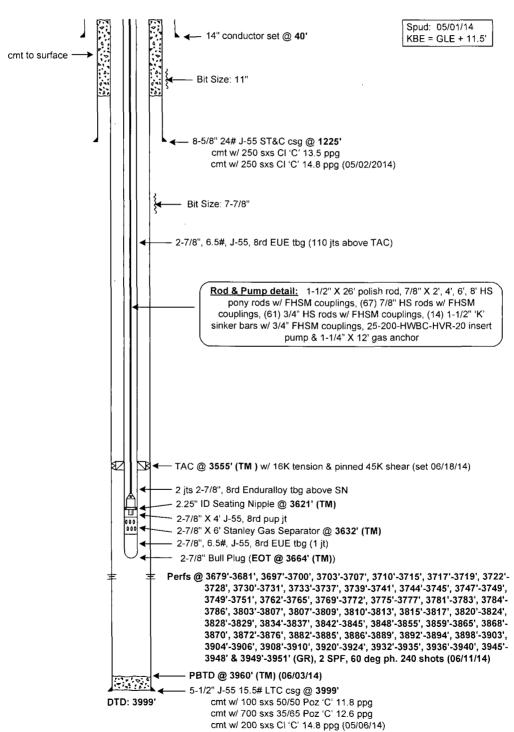
API No.:

30-025-41554

Date:

06/27/2014 Drawn By: JAW

Brammer Engineering, Inc.



History of Well

SEP 3 0 2014

DIGUIVE	· · · · · · · · · · · · · · · · · · ·			2EL an sold	
Engineering,					Danier - Frankrick - L
vveli name: iviatto	ern NCT B #29, H T	Permit/Serial Number	Field Name	r Constant Dation	Brammer Engineering, In
30-025-41554	2310' FSL and 1460' FEL of Section 30		Penrose Skelly	ECENED	New Mexico
Ground Elevation (ft) 3,485.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (f	t) Original Spud Date 5/1/2014 20:00	Drilling Rig Release Date 5/6/2014 17:30
ime Log					
Dur (hr)			Report		
2.00	top of slips. N/U 11" 3M x 7-1	/16" 5M tubing head. Tight			dress stump, and install packoff in stall good. R/D Universal Wellhead
12.50	man. Release rig at 1730 hrs : R/D Eagle Rock #4 and prepa				
ost Details	-				
perations Code Completion	•		Report Field Est	113,216	n Field Est
perations Code			Report Field Est		n Field Est 427,
illing_				36,760	421,1
aily Operations for 5	/12/2014 to 5/13/2014		Well Status - 13- C	Completion	
eport Number	Days From Spu	ıd	Daily Field Est Total	Cur	n Field Est To Date
urrent Operations	13		11	4,630	544,
ress Off Location epth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	lias	Casing String
	3,999	3,999	0		/2"Production Casing, 3,999.0ftKB
ime Log Dur (hr)			Report		
			Dressed off location. El		8-5/8" csg below wellhead to top
	of conductor. Wrapped 8-5/8 gravel. MO RWI. REPORT S			e and wrapped w/ prote	ctive tape. Filled cellar w/ pea
ost Details					
perations Code			Report Field Est		n Field Est
ompletion perations Code			Report Field Est	4,630 Cur	117,8 n Field Est
rilling				0	427,0
Daily Operations for 5 eport Number	/13/2014 to 5/14/2014 Days From Spu	ıd	Well Status - 13- C	•	n Field Est To Date
urrent Operations	14		12	12,335	557,
Ran RCBL & CNL					
Depth at Report Time (TVD)	Start Depth (ftKB) 3.999	End Depth (ftKB) 3,999	Depth Progress (ft)		Casing String /2"Production Casing, 3,999.0ftKB
ime Log	[-,				31 1
Dur (hr) 12 00	SICP=0#. MIRU Archer ELU	& mast unit and numn trk	Report Loaded 5-1/2" csq w/ 2%	KCI wtr Pressure tes	ted 5-1/2" csa to 4000# - OK
.2.00	Released press. ND blind flg.	RIH w/ 4.675" OD GR/JE	3 to PBTD @ 3838 ⁷ (GR), r	no problems. POOH, L	.D GR/JB. JB clean. RIH w/
					osed surface pressure. Lowered eleased press. POOH, LD logging
	tools. NU blind flg. RDMO A				
Cost Details					
perations Code Completion			Report Field Est	12,335	n Field Est 130,
perations Code Drilling			Report Field Est	Cur 0	n Field Est 427,
					74-7
Daily Operations for 5	/22/2014 to 5/23/2014		Well Status - 13- C	Completion	
eport Number	Days From Spu	ıd	Daily Field Est Total	Cur	m Field Est To Date
urrent Operations	15		21	26,837	584,
bg Delivery Temporaril Depth at Report Time (TVD)	y to McComack #29 Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	Ti as	t Casing String
	3,999	3,999	0		/2"Production Casing, 3,999.0ftKB
ime Log Dur (hr)	<u> </u>		Report	· · · · · · · · · · · · · · · · · · ·	
	SICP=0#. Delivered 126 jts r		EUE tbg for this well temp	orarily to McComack #	29 location due to security
	concerns. REPORT SUSPEN	NDED PENDING FURTHE	R ACTIVITY.		
cost Details perations Code			Report Field Est	lCui	m Field Est
Completion				26,837	157,
	_		Page 5/40		

www.brammer.com

History of Well

api/uwi 30-025-41554	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea	State New Mexico
Ground Elevation (ft)	2310' FSL and 1460' FEL of Section 3 Casing Flange Elevation (ft)	KB elev to Ground elev. (ft)	KB elev to Csg Flange elev. (ft)	Original Spud Date	Drilling Rig Release Date
3,485.00		11.50		5/1/2014 20:00	5/6/2014 17:30
ost Details					
perations Code			Report Field Est	C	um Field Est
rilling				0	427,01
aily Operations for 6			Well Status - 13- Compl		
eport Number	Days From Sp	ud	Daily Field Est Total 33	18,521	um Field Est To Date 602,54
urrent Operations Orill Out Cement					
Pepth at Report Time (TVD)	Start Depth (ftKB) 3,999	End Depth (ftKB) 3,999	Depth Progress (ft)		ist Casing String 1/2"Production Casing, 3,999.0ftKB
ime Log					
		3-1/2" drill collars & 122 jts	2-7/8", J-55 8rd tbg. Tagged		flg. NU BOP's. MIRU power Broke circ w/ 2% KCl wtr. Drilled out
Cost Details perations Code			Report Field Est	C	um Field Est
Completion Operations Code			Report Field Est	18,521	um Field Est
Prilling		•	Report Feld Est	0	427,01
arily Oursetians for (CIAIDO44 4 - CIEIDO44		Wall Status 42 Campl	latian	
Daily Operations for 6 eport Number	Days From Sp	oud	Well Status - 13- Compl Daily Field Est Total		um Field Est To Date
urrent Operations	17		34	17,162	619,71
Spot Acetic Acid, Ran (
Depth at Report Time (TVD)	Start Depth (ftKB) 3,999	End Depth (ftKB) 3,999	Depth Progress (ft)		ast Casing String 1/2"Production Casing, 3,999.0ftKB
ime Log				: .	
. Dur (hr)	•		Report	* *	x
	SICP=0# CIH w/ 2-7/8" that	to place FOT @ 3950' (TM) MIRU Warrior Services B	troke circ w/ 2% K	Cl wtr. Pumped & spotted 750 gals
	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C	m 3200'-3950'. RDMO Wal ELU & mast unit. ND blind NL/GR/CCL logging tools.	rrior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/.	8" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror	n 3980'-3630' (GR) (350'). POOH,
12.00	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C	m 3200'-3950'. RDMO Wal ELU & mast unit. ND blind NL/GR/CCL logging tools.	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y.
12.00 Cost Details Operations Code Completion	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C	m 3200'-3950'. RDMO Wal ELU & mast unit. ND blind NL/GR/CCL logging tools.	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/s Tagged PBTD @ 3980' (GR). ET SUSPENDED PENDING F	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y. um Field Est
12.00 Cost Details Operations Code Completion Operations Code	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C	m 3200'-3950'. RDMO Wal ELU & mast unit. ND blind NL/GR/CCL logging tools.	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y.
Cost Details Operations Code Completion Operations Code Orilling	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB, JB clean. RIH w/ C LD logging tools. NU blind fleather than 100 to 10	m 3200'-3950'. RDMO Wal ELU & mast unit. ND blind NL/GR/CCL logging tools.	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT	ND BOP's. NU blind flg. RDMO 10'. No problems. POOH, LD 11 a 3980'-3630' (GR) (350'). POOH, 12 y. 13 aum Field Est 192,70 14 um Field Est
Cost Details Operations Code Completion Operations Code Drilling Daily Operations for 0	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind fill the completion of the complete for the com	m 3200'-3950'. RDMO Wai FELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Com	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion	ND BOP's. NU blind flg. RDMO 10'. No problems. POOH, LD 11 a 3980'-3630' (GR) (350'). POOH, 12 y. 13 aum Field Est 192,70 14 um Field Est
Cost Details Operations Code Completion Operations Code Orilling Daily Operations for (10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB, JB clean. RIH w/ C LD logging tools. NU blind fleather than 100 to 10	m 3200'-3950'. RDMO Wai FELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y. um Field Est 192,70 um Field Est 427,0'
Dost Details Department Code Completion Operations Code Orilling Daily Operations for the Courant Number Current Operations	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ CLD logging tools. NU blind fill blind	m 3200'-3950'. RDMO Wai FELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Com Daily Field Est Total	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y. um Field Est 192,70 um Field Est 427,0'
Dost Details Operations Code Completion Operations Code Orilling Daily Operations for Geport Number Current Operations ND blind flange	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind fluction of the complete state of the comp	m 3200'-3950'. RDMO Wai - ELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	Trior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Company Daily Field Est Total Depth Progress (ft)	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion 3,880	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y. um Field Est 192,70 um Field Est 427,0' um Field Est To Date 623,56 ast Casing String
Department of the control of the con	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind flow file and the complete state of the co	m 3200'-3950'. RDMO Wai ELU & mast unit. ND blind NL/GR/CCL logging tools. ig. RDMO Archer. REPOR	rior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Com Daily Field Est Total 39	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion 3,880	ND BOP's. NU blind flg. RDMO 10'. No problems. POOH, LD 11 a 3980'-3630' (GR) (350'). POOH, 12 y. 13 y. 14 a 192,70 15 a 192,70 16 a 192,70 17 a 192,70 18 a 192,70 19 a 19
Depth at Report Time (TVD) Cost Details Departions Code Completion Departions Code Drilling Current Operations Depth at Report Time (TVD) Completed to the control of the control	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind file by the complete of the co	m 3200'-3950'. RDMO Wai ELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	Trior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Com Daily Field Est Total Depth Progress (ff) 0	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion 3,880	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y. um Field Est 192,70 um Field Est 427,0' um Field Est To Date 623,58 ast Casing String 1/2"Production Casing, 3,999.0ftKB
Details Operations Code Completion Operations Code Orilling Oaily Operations for Operations Number Operations Object Number Operations Outper Oper	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind file by the complete of the co	m 3200'-3950'. RDMO Wai ELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	Trior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Com Daily Field Est Total Depth Progress (ff) 0	3" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion 3,880	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y. um Field Est 192,70 um Field Est 427,0' um Field Est To Date 623,56 ast Casing String
Dest Details Departions Code Completion Operations Code Drilling Daily Operations for (Report Number Current Operations ND blind flange Depth at Report Time (TVD) Fime Log Dur (hr) 12.00 Cost Details	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind file by the complete of the co	m 3200'-3950'. RDMO Wai ELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	Trior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Com Daily Field Est Total Depth Progress (ft) Report B" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion 3,880 EPORTS SUSPEN	ND BOP's. NU blind flg. RDMO 0'. No problems. POOH, LD n 3980'-3630' (GR) (350'). POOH, Y. um Field Est 192,70 um Field Est 427,0' um Field Est To Date 623,56 ast Casing String 1/2"Production Casing, 3,999.0ftKB	
Dest Details Department Code Completion Department Code Drilling Daily Operations for (Completion Code Drilling Department Operations ND blind flange Depth at Report Time (TVD) Time Log Dur (hr) 12.00 Cost Details Department Code Completion	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind file by the complete of the co	m 3200'-3950'. RDMO Wai ELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	rrior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Well Status - 13- Com Daily Field Est Total Depth Progress (ft) 0 Report Report Field Est Total Depth Progress (Ft) Report Field Est Total Report Field Est Total	B" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion 3,880 EPORTS SUSPEN	ND BOP's. NU blind flg. RDMO 10'. No problems. POOH, LD 11 3980'-3630' (GR) (350'). POOH, 12 Y. 12 y. 13 y. 14 27,0' 15 y. 16 23,59 17 y. 17 y. 17 y. 18 y. 19 y. 18 y. 19 y. 19 y. 10 y. 10 y. 11 y. 11 y. 12 y. 12 y. 13 y. 14 y. 15 y. 16 y. 17 y. 18 y. 19 y. 18 y. 19 y. 19 y. 10 y. 10 y. 11 y. 11 y. 12 y. 13 y. 14 y. 15 y. 16 y. 17 y. 17 y. 18 y. 19 y. 19 y. 10 y. 10 y. 11 y. 11 y. 12 y. 13 y. 14 y. 15 y. 16 y. 17 y. 18 y. 19 y. 19 y. 19 y. 10 y. 10 y. 11 y. 12 y. 13 y. 14 y. 15 y. 16 y. 17 y. 18 y. 19 y. 19 y. 10 y. 10 y. 11 y. 11 y. 12 y. 13 y. 14 y. 15 y. 16 y. 17 y. 18 y. 19 y. 19 y. 19 y. 19 y. 10 y
Dost Details Deparations Code Completion Deparations Code Drilling Daily Operations for (Report Number Current Operations ND blind flange Depth at Report Time (TVD) Fime Log Dur (hr)	10% inhibited Acetic acid from completion rig. MIRU Archer GR/JB. JB clean. RIH w/ C LD logging tools. NU blind file by the complete of the co	m 3200'-3950'. RDMO Wai ELU & mast unit. ND blind NL/GR/CCL logging tools. Ig. RDMO Archer. REPOR	Trior. POOH, LD 122 jts 2-7/8 d flg. RIH w/ 4.675" OD GR/. Tagged PBTD @ 3980' (GR). IT SUSPENDED PENDING F Report Field Est Report Field Est Well Status - 13- Com Daily Field Est Total Depth Progress (ft) Report B" tbg, DC's & bit. JB to PBTD @ 398 Ran CNL log fror URTHER ACTIVIT 17,162 0 pletion 3,880 EPORTS SUSPEN	ND BOP's. NU blind flg. RDMO 10'. No problems. POOH, LD 11 a 3980'-3630' (GR) (350'). POOH, 12 y. 13 y. 14 aum Field Est 192,70' 16 ast Casing String 1/2"Production Casing, 3,999.0ftKB 17 DED PENDING FRAC ON 6/14/14. 18 aum Field Est	

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History of Well

	Surface Local Location		Field Name	County / Dariet	State	
API/UWI 30-025-41554	Surface Legal Location 2310' FSL and 1460' FEL of Section	Permit/Serial Number	Field Name Penrose Skelly	County / Parish Lea		/ Mexico
Ground Elevation (ft) 3,485.00	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft) 11.50	KB elev to Csg Flange elev. (ft)	Original Spud Date 5/1/2014 20:00		ig Rig Release Date 2014 17:30
Daily Operations for 6/	40/2044 to 6/44/2044		Wall Status 12 Con	nalation		
Daily Operations for 6/	Days From S	pud	Well Status - 13- Cor Daily Field Est Total	Cu	ım Field Est To Date	
urrent Operations	19		40	15,692		639,28
nstalling flowback eqpt. Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	li ac	st Casing String	
Deptit at Report Time (TVD)	3,999 .	3,999	0			Casing, 3,999.0ftKB
Time Log Dur (hr)			Report	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
12.00	SICP = 0#. Rock trucking to flowback manifold. Secure w		ter. RWI Construction to insta	all flow back equipme	ent. Pro Well T	esters to install 5k
Cost Details			Report Field Est	Ico	um Field Est	
Completion			Report Field Est	15,692	ım Fleid Est	212,27
perations Code Drilling			Report Field Est	Cu 0	um Field Est	427,01
			·			
Daily Operations for 6	11/2014 to 6/12/2014		Well Status - 13- Cor	mpletion		
eport Number	Days From S	pud	Daily Field Est Total	24,704	um Field Est To Date	663,98
urrent Operations				2.,,0.1		333,33
Perforating Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)		st Casing String	
ime Log	3,999	3,999	0		1/2"Production	Casing, 3,999.0ftKB
						
1.55	Released press. RIH w/ gau & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 3i 3813', 3807'-3809', 3803'-3i	ige ring/junk basket to PBTi SPF, 60 deg ph. Ran tie-in 5'-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 38 807', 3784'-3786', 3781'-378	Report gy pump truck. Pressure test 9 D. No problems. POOH, LD 0 strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39- 18'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'-	GR/JB. Junk basket log dated 6/4/2014 10', 3904'-3906', 389 3837', 3828'-3829', 3762'-3765', 3749'-	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 15'-3817', 3810'-49', 3744'-3745',
12.00	Released press. RIH w/ gau & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3813', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in 5'-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 384 807', 3784'-3786', 3781'-374 730'-3731', 3722'-3728', 37 10 Archer. Pumped 17 bbls	gy pump truck. Pressure test 9. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39* 18'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg.	6R/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 389 3837', 3828'-3829', 3 3762'-3765', 3749'- 3707', 3697'-3700',	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37 3679'-3681' (G	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 315'-3817', 3810'-49', 3744'-3745', R), total 240 holes.
12.00 Cost Details Operations Code	Released press. RIH w/ gat & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3813', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDN	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in 5'-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 384 807', 3784'-3786', 3781'-374 730'-3731', 3722'-3728', 37 10 Archer. Pumped 17 bbls	gy pump truck. Pressure test 9. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39* 18'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg.	6R/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 389 3837', 3828'-3829', 3762'-3765', 3749'- 3707', 3697'-3700', Csg would not load	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37 3679'-3681' (G	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 115'-3817', 3810'-49', 3744'-3745', R), total 240 holes. D pump. Csg on vac.
Cost Details Departions Code Completion Operations Code	Released press. RIH w/ gat & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3813', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDN	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in 5'-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 384 807', 3784'-3786', 3781'-374 730'-3731', 3722'-3728', 37 10 Archer. Pumped 17 bbls	gy pump truck. Pressure test 9. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39'8'-3855', 3842'-3845', 3834'-33', 3775'-3771', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. v 6/13/2014. SDFN.	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 38 3837', 3828'-3829', 3762'-3765', 3749'- 3707', 3697'-3700', Csg would not load	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 115'-3817', 3810'-49', 3744'-3745', R), total 240 holes. D pump. Csg on vac.
Cost Details Departions Code Completion Operations Code	Released press. RIH w/ gat & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3813', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDN	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in 5'-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 384 807', 3784'-3786', 3781'-374 730'-3731', 3722'-3728', 37 10 Archer. Pumped 17 bbls	gy pump truck. Pressure test 9 D. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39* 18'-3855', 3842'-3845', 3834'- 133', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg. 16/13/2014. SDFN.	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 38 3837', 3828'-3829', 3762'-3765', 3749'- 3707', 3697'-3700', Csg would not load	clean. RIH w/ on all runs. Pe 98 '-3903', 3829'-3824', 38 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 115'-3817', 3810'-49', 3744'-3745', R), total 240 holes. D pump. Csg on vac.
12.00 Cost Details Completion Operations Code Completion Operations Code Drilling	Released press. RIH w/ gat & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 3: 3872'-3809', 3803'-3: 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in 5'-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 384 807', 3784'-3786', 3781'-374 730'-3731', 3722'-3728', 37 10 Archer. Pumped 17 bbls	gy pump truck. Pressure test 9 D. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39- 18'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Well Status - 13- Coi	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 3853837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 115'-3817', 3810'-49', 3744'-3745', R), total 240 holes. D pump. Csg on vac.
Cost Details Departions Code Completion Departions Code Drilling Daily Operations for 60	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3813', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDN SWI. RDMO pump truck. Fr	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 38- 807', 3784'-3786', 3781'-378 730'-3731', 3722'-3728', 37 10 Archer. Pumped 17 bbls ac date scheduled for Friday	gy pump truck. Pressure test 9 D. No problems. POOH, LD C strips and correlated w/ CNL 39355', 3920'-3924', 3908'-39* 38'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Well Status - 13- Cor	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cu 24,704 Cu 26,704 Cu	clean. RIH w/ on all runs. Pe 98 '-3903', 3829'-3824', 38 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 15'-3817', 3810'-49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97
Daily Operations for 6	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 3: 3813', 3807'-3809', 3803'-3; 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 38- 807', 3784'-3786', 3781'-378 730'-3731', 3722'-3728', 37 10 Archer. Pumped 17 bbls ac date scheduled for Friday	gy pump truck. Pressure test 9 D. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39- 18'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Well Status - 13- Coi	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 3853837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 115'-3817', 3810'-49', 3744'-3745', R), total 240 holes. D pump. Csg on vac.
Daily Operations for 6. Cost Details Completion Com	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 3: 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in y-3948', 3936-3940', 3932'- 868'-3870', 3859'-3865', 384 807', 3784'-3786', 3781'-37' 730'-3731', 3722'-3728', 37' IO Archer. Pumped 17 bbls ac date scheduled for Friday	gy pump truck. Pressure test 9 D. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39- 18'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg. 16/13/2014. SDFN. Report Field Est Report Field Est Well Status - 13- Cor Daily Field Est Total	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cu 20 mpletion	clean. RIH w/ on all runs. Pe all runs. Pe se	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 15'-3817', 3810'-149', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97
Cost Details Deprations Code Completion Deprations Code Drilling Daily Operations for 6. Report Number Current Operations Depth at Report Time (TVD)	Released press. RIH w/ gat & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 3: 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 38- 807', 3784'-3786', 3781'-376 730'-3731', 3722'-3728', 37' IO Archer. Pumped 17 bbls ac date scheduled for Friday	gy pump truck. Pressure test 9 D. No problems. POOH, LD Costrips and correlated w/ CNL 3935', 3920'-3924', 3908'-39'8'-3855', 3842'-3845', 3834'-3875'-3775', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2'% KCI wtr down 5-1/2" csg. of 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Field Est Report Fi	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cu 20 mpletion	clean. RIH w/ on all runs. Pe all runs. Pe se	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 15'-3817', 3810'-49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97
Daily Operations for 6 Report Number Current Operations Depth at Report Time (TVD) Fime Log Dur (hr)	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3813', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S'-3948', 3936'-3940', 3932'- 868'-3870', 3859'-3865', 384 807', 3784'-3786', 3781'-378 730'-3731', 3722'-3728', 37 IO Archer. Pumped 17 bbls ac date scheduled for Friday	gy pump truck. Pressure test 9 D. No problems. POOH, LD Countries and correlated w/ CNL 3935', 3920'-3924', 3908'-39'-38'-3855', 3842'-3845', 3834'-383', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Report Field Est Daily Field Est Total Depth Progress (ft) O Report Report Field Est Repor	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 (3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cumpletion Cape 6,655 Cumpletion Lag Cumpletion Cape Cape Cape Cape Cape Cape Cape Cape	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', '15'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,0
Daily Operations for 6A Report Number Current Operations Depth at Report Time (TVD) Fime Log Dur (hr) 12.00	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3813', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936-3940', 3932'-868'-3870', 3859'-3865', 3848', 3781'-378', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-3731'-3	gy pump truck. Pressure test 9 D. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39- 18'-3855', 3842'-3845', 3834'- 33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'- 2% KCI wtr down 5-1/2" csg. 16/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Report Field Est Column Depth Progress (ft) Depth Progress (ft)	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 (3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cumpletion Cape 6,655 Cumpletion Lag Cumpletion Cape Cape Cape Cape Cape Cape Cape Cape	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', '15'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,0
Daily Operations for 6 Report Number Current Operations Depth at Report Time (TVD) Fime Log Dur (hr) 12.00 Cost Details	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 33 3813', 3807'-3809', 3803'-33 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936-3940', 3932'-868'-3870', 3859'-3865', 3848', 3781'-378', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-3731'-3	gy pump truck. Pressure test 9 D. No problems. POOH, LD Costrips and correlated w/ CNL 3935', 3920'-3924', 3908'-39'-38'-3855', 3842'-3845', 3834'-33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Report Field Est Daily Field Est Total Depth Progress (ft) Report Field Est Daily Field Est Total	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cumpletion Cap Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap	clean. RIH w/ on all runs. Pe 98'-3903', 3892' 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S I I I I I I I I I I I I I I I I I I	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', '15'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,0
Daily Operations for 6A Report Number Current Operations Depth at Report Time (TVD) Fime Log Dur (hr) 12.00	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 33 3813', 3807'-3809', 3803'-33 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936-3940', 3932'-868'-3870', 3859'-3865', 3848', 3781'-378', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-3731'-3	gy pump truck. Pressure test 9 D. No problems. POOH, LD Countries and correlated w/ CNL 3935', 3920'-3924', 3908'-39'-38'-3855', 3842'-3845', 3834'-383', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Report Field Est Daily Field Est Total Depth Progress (ft) O Report Report Field Est Repor	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cumpletion Cap Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap Cumpletion Cap	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', '15'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,0
Daily Operations for 6. Correct Details Deperations Code Completion Deperations Code Correct Operations Depth at Report Time (TVD) Time Log Dur (hr) 12.00 Cost Details Deperations Code Completion Deperations Code Completion Deperations Code Completion Deperations Code	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 33 3813', 3807'-3809', 3803'-33 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936-3940', 3932'-868'-3870', 3859'-3865', 3848', 3781'-378', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-3731'-3	gy pump truck. Pressure test 9 D. No problems. POOH, LD Costrips and correlated w/ CNL 3935', 3920'-3924', 3908'-39'-38'-3855', 3842'-3845', 3834'-33', 3775'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Report Field Est Daily Field Est Total Depth Progress (ft) Report Field Est Daily Field Est Total	GR/JB. Junk basket log dated 6/4/2014 (10', 3904'-3906', 386 3837', 3828'-3829', 3762'-3760', 3697'-3700', Csg would not load 24,704 Cumpletion 6,655 Cumpletion Completion Comp	clean. RIH w/ on all runs. Pe 98'-3903', 3892' 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S I I I I I I I I I I I I I I I I I I	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', i15'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,01
Daily Operations for 60 Perot Number Current Operations Depth at Report Time (TVD) Time Log Dur (hr) 12.00 Cost Details Dependence Completions Completions Dur (hr)	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 33 3813', 3807'-3809', 3803'-33 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936-3940', 3932'-868'-3870', 3859'-3865', 3848', 3781'-378', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-3731'-3	gy pump truck. Pressure test solution of the properties of the pro	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cu 24,704 Cu 6,655 Cu 6,655 Cu 6,655 Cu	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S I I I I I I I I I I I I I I I I I I	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', '15'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,07
Daily Operations for 6. Cost Details Operations Code Completion Operations Code Orilling Daily Operations for 6. Report Number Current Operations Depth at Report Time (TVD) Fime Log	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3883', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	Ige ring/junk basket to PBT SPF, 60 deg ph. Ran tie-in S-3948', 3936-3940', 3932'-868'-3870', 3859'-3865', 3848', 3781'-378', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3730'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-30'-3731', 3722'-3728', 37'-3731'-3	gy pump truck. Pressure test specified by pump truck. Pressure test specified by CNL 3935', 3920'-3924', 3908'-39'8'-3855', 3842'-3845', 3834'-3835', 3775'-3771', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Daily Field Est Total Daily Field Est Total Depth Progress (ft) Daily Field Est Report Fiel	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3833', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cumpletion 6,655 Cumpletion Completion Com	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S I I I I I I I I I I I I I I I I I I	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 115'-3817', 3810'- 49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,01
Daily Operations Dur (hr) Cost Details Depth at Report Time (TVD) Fime Log Dur (hr) 12.00 Cost Details Deperations Code Completion Dur (hr) Dur (hr) Depth at Code Completion Dorations Code Completion Depth at Code Completion Depth at Code Completion Depth at Code Cod	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 36 3883', 3807'-3809', 3803'-36 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	gering/junk basket to PBT SPF, 60 deg ph. Ran tie-in SPF, 60 deg ph. Ran tie-in S-3948', 3936'-3940', 3932'-868'-3870', 3859'-3865', 384'-3780'-3731', 3722'-3728', 37 do Archer. Pumped 17 bbls ac date scheduled for Friday Spud	gy pump truck. Pressure test 2 D. No problems. POOH, LD C strips and correlated w/ CNL 3935', 3920'-3924', 3908'-39'-39'-375'-3777', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. 6/13/2014. SDFN. Report Field Est Report Field Est Quality Field Est Total Daily Field Est Total PJSM. Test lines @ 5000 Psi Report Field Est Report Field Est	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3833', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cumpletion 6,655 Cumpletion Completion Com	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 38 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S I I I I I I I I I I I I I I I I I I	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 115'-3817', 3810'- 49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,01
Department Operations Cost Details Department Operations	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 33 3882'-3873'-3879', 3803'-33 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	gering/junk basket to PBT SPF, 60 deg ph. Ran tie-in SPF, 60 deg ph. Ran tie-in S-3948', 3936'-3940', 3932'-868'-3870', 3859'-3865', 384'-3780'-3731', 3722'-3728', 37 do Archer. Pumped 17 bbls ac date scheduled for Friday Spud	gy pump truck. Pressure test specified by pump truck. Pressure test specified by CNL 3935', 3920'-3924', 3908'-39'8'-3855', 3842'-3845', 3834'-7375'-3775', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. of 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Daily Field Est Total Depth Progress (ft) Depth Progress (ft)	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3837', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load cumpletion Cumpletion	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S I I I I I I I I I I I I I I I I I I	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 315'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,07
Daily Operations Dur (hr) Cost Details Deperations Code Completion Deperations Code Correct Operations Depth at Report Time (TVD) Fime Log Dur (hr) 12.00 Cost Details Deperations Code Completion Deperations Code Completion Deperations Code Diriling Daily Operations for 6 Report Number	Released press. RIH w/ gat. & 3-3/8" csg guns loaded 2 formation 3949'-3951', 3945 3882'-3885', 3872'-3876', 33 3882'-3873'-3879', 3803'-33 3739'-3741', 3733'-3737', 3 POOH. All shots fired. RDM SWI. RDMO pump truck. Fr	gering/junk basket to PBT SPF, 60 deg ph. Ran tie-in SPF, 60 deg ph. Ran tie-in S-3948', 3936'-3940', 3932'-868'-3870', 3859'-3865', 384'-3780'-3731', 3722'-3728', 37 do Archer. Pumped 17 bbls ac date scheduled for Friday Spud	gy pump truck. Pressure test specified by pump truck. Pressure test specified by CNL 3935', 3920'-3924', 3908'-39'8'-3855', 3842'-3845', 3834'-7375'-3775', 3769'-3772', 17'-3719', 3710'-3715', 3703'-2% KCI wtr down 5-1/2" csg. of 6/13/2014. SDFN. Report Field Est Report Field Est Report Field Est Daily Field Est Total Depth Progress (ft) Depth Progress (ft)	GR/JB. Junk basket log dated 6/4/2014 (0', 3904'-3906', 385 3833', 3828'-3829', 3762'-3765', 3749'-3707', 3697'-3700', Csg would not load 24,704 Cu 24,704 Cu 26,655 Cu 6,655	clean. RIH w/ on all runs. Pe 98'-3903', 3892 3820'-3824', 36 3751', 3747'-37 3679'-3681' (G I @ 1.5 BPM. S I I I I I I I I I I I I I I I I I I	GR/CCL logging tools rforated Grayburg '-3894', 3886'-3889', 315'-3817', 3810'- '49', 3744'-3745', R), total 240 holes. D pump. Csg on vac. 236,97 427,07

BRAMM	***************************************	Hist	tory of Well			
Engineering, Well Name: Matt	INC. ern NCT B #29, H T				Brammer	Engineering, Inc.
API/UWI 30-025-41554	Surface Legal Location	Permit/Serial Number	Field Name Penrose Skelly	County / Parish	State	
Ground Elevation (ft)	2310' FSL and 1460' FEL of Section Casing Flange Elevation (ft)	KB elev to Ground elev. (ft)	KB elev to Csg Flange elev. (ft)	Original Spud Date	e Drillin	g Rig Release Date
3,485.00		11.50	<u> </u>	5/1/2014 20:0	0 [5/6/	2014 17:30
. Programme and the second						
Time Log Dur (hr)		,	Report			
	SICP=0#. Finished RU Bal	er Hughes frac eqpt. Foun	nd sand inventory short 80,000	lbs. Ordered ac	Iditional sand & pr	ut in sand king.
16/12/19			d 5-1/2" csg w/ 10 bbls 2% KC nes frac design per attached fr		:5# Linear Gel, BI	OF 1773# @ 11.2
1200 1200		•	(86 bbls). ISIP=1560#, 5 min.		min=1460# & 15	min=1398#
·	Pumped 6480 lbs 100 mesh		White and 25,180 lbs 16/30 S			
V Cost Details	Baker.					
Operations Code			Report Field Est		Cum Field Est	
Completion Operations Code			Report Field Est	129,696	Cum Field Est	373,32
Drilling			Troport Field Est	0	Cam Flora Est	427,01
		·	•			•
Daily Operations for (Well Status - 13- Cor	npletion		
Report Number	Days From S	pud	Daily Field Est Total 44	4,397	Cum Field Est To Date	804,73
Current Operations ND Frac Stack	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		·
Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)		Last Casing String	
Time Log	3,999	3,999	0		5 1/2"Production	Casing, 3,999.0ftKB
Dur (hr)	<u> </u>	An Control	Report			*
	SICP=0#. ND frac stack. S	WI. SDFN.				
Cost Details Operations Code			Report Field Est		Cum Field Est	
Completion				4,397		377,72
Operations Code Drilling			Report Field Est	0	Cum Field Est	427,01
				,		
	6/15/2014 to 6/16/2014		Well Status - 13- Cor	mpletion		
Report Number	Days From S	pud	Daily Field Est Total	1,570	Cum Field Est To Date	806,30
Current Operations	2-1		40	1,070		000,00
No activity Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)		Last Casing String	
T	3,999	3,999	0		5 1/2"Production	Casing, 3,999.0ftKB
Time Log Dur (hr)			Report	* * *		
12.00	SICP=0#. No activity.					
Cost Details Operations Code			Report Field Est		Cum Field Est	
Completion			· ·	1,570		379,29
Operations Code Drilling			Report Field Est	0	Cum Field Est	427,01
			l			
Daily Operations for (6/16/2014 to 6/17/2014		Well Status - 13- Cor	mpletion		
Report Number	Days From S	pud	Daily Field Est Total	•	Cum Field Est To Date	
Current Operations	25		46	18,447	<u> </u>	824,75
Clean Out Sand Depth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)		Last Casing String	
Depth at Report Time (140)	3,999	3,999	0			Casing, 3,999.0ftKB
Time Log Dur (hr)	17,4 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Report	1		
			k. Bled CP=0# in 1.5 hrs, dry			
	OK. RIH w/ 2-7/8" collar, 2	-7/8" seating nipple & 113 jt	s 2-7/8", J-55 tbg. EOT @ 36 II @ 3930' (TM). RU power sv	81' (TM). MIRU	Air Tech Foam U	nit. Broke circulation
	PBTD @ 3980'. Circ 2-1/2	hole volumes until well clea	ned up. RD PS. POOH, LD 9	9 jts 2-7/8" tbg. F	RDMO Air Tech F	oam Unit. POOH
	standing back 114 jts 2-7/8"	tbg. SWI. SDFN.		•		

Report Field Est

Cum Field Est

397,742

18,447

Cost Details
Operations Code

Completion

History of Well

ost Details perations Code rilling aily Operations for 6/17/20 port Number per Number p	Days From Spud 26 Start Depth (ftKB) 3,999 =280# Opened well on 6 " SN & 112 jts 2-7/8", J-5	End Depth (ftKB) 3,999 /64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	629' (TM). RU swab & comi bbing per attached swab rep	npletion 9,141 Cum F 9,141 Last C 5 1/2 FTS. RIH w/ 5-1/2" A menced swabbing. Tag ort. Recovered 35 BF	New Mexico Drilling Rig Release Date 5/6/2014 17:30 Field Est 427,0 Field Est To Date 833,8 Casing String 2"Production Casing, 3,999.0ftKB
illy Operations for 6/17/20 introductions Code Illing illy Operations for 6/17/20 introductions for 6/17/20 introduction for 6/17/20 introd	D14 to 6/18/2014 26 Days From Spud	End Depth (fiKB) 3,999 /64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	Report Field Est Well Status - 13- Con Daily Field Est Total Depth Progress (ft) 0 Report CP=0# in 1 hr, dry gas, no 629' (TM) RU swab & combining per attached swab report	5/1/2014 20:00 Cum F 0 Cum F 0 Cum F 1 Cum F 1	Field Est 427,0 Field Est 70 Date 833,0 Casing String 2"Production Casing, 3,999.0ftKB
rations Code ling illy Operations for 6/17/20 ort Number ent Operations ab Grayburg th at Report Time (TVD) ne Log Dur (hr) 12.00 SICP 2-7/8 from Load st Details rations Code mpletion rations Code ling	Days From Spud 26 Start Depth (ftKB) 3,999 =280# Opened well on 6 " SN & 112 jts 2-7/8", J-5 3629', recovered 6 bbls 2	End Depth (ftKB) 3,999 /64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	Well Status - 13- Cor Daily Field Est Total Depth Progress (ft) Report CP=0# in 1 hr, dry gas, no 629' (TM). RU swab & combining per attached swab rep	npletion 9,141 Cum F 9,141 Last C 5 1/2 FTS. RIH w/ 5-1/2" A menced swabbing. Tag ort. Recovered 35 BF	Field Est To Date 833,8 Casing String 2"Production Casing, 3,999.0ftKB Arrowset pkr from Chevron stock,
illing illy Operations for 6/17/20 ort Number ent Operations ab Grayburg that Report Time (TVD) ne Log Dur (hr) 12.00 SICP 2-7/8 from Load st Details rations Code mpletion rations Code ling	Days From Spud 26 Start Depth (ftKB) 3,999 =280# Opened well on 6 " SN & 112 jts 2-7/8", J-5 3629', recovered 6 bbls 2	End Depth (ftKB) 3,999 /64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	Well Status - 13- Cor Daily Field Est Total Depth Progress (ft) Report CP=0# in 1 hr, dry gas, no 629' (TM). RU swab & combining per attached swab rep	npletion 9,141 Cum F 9,141 Last C 5 1/2 FTS. RIH w/ 5-1/2" A menced swabbing. Tag ort. Recovered 35 BF	Field Est To Date 833,8 Casing String 2"Production Casing, 3,999.0ftKB Arrowset pkr from Chevron stock,
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ort Number rent Operations ab Grayburg bith at Report Time (TVD) ne Log Dur (hr) 12.00 SICP 2-7/8 from Load st Details rations Code mpletion rations Code lling	Days From Spud 26 Start Depth (ftKB) 3,999 =280# Opened well on 6 " SN & 112 jts 2-7/8", J-5 3629', recovered 6 bbls 2	End Depth (ftKB) 3,999 /64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	Depth Progress (ft) 0 Report CP=0# in 1 hr, dry gas, no 629' (TM) RU swab & combining per attached swab report	9,141 Cum F 9,141 Last C 5 1/2 FTS. RIH w/ 5-1/2" A menced swabbing. Tag ort. Recovered 35 BF	833,6 Casing String 2"Production Casing, 3,999.0ftKB Arrowset pkr from Chevron stock,
rent Operations ab Grayburg bith at Report Time (TVD) ne Log Dur (hr) 12.00 SICP 2-7/8 from Load st Details reations Code mpletion reations Code lling	26 Start Depth (ftKB) 3,999 =280# Opened well on 6 " SN & 112 jts 2-7/8", J-5 3629', recovered 6 bbls 2	End Depth (ftKB) 3,999 /64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	Depth Progress (ft) 0 Report CP=0# in 1 hr, dry gas, no 629' (TM) RU swab & combbing per attached swab rep	9,141 Last C 5 1/2 FTS. RIH w/ 5-1/2" A menced swabbing. Tag ort. Recovered 35 BF	833,6 Casing String 2"Production Casing, 3,999.0ftKB Arrowset pkr from Chevron stock,
pab Grayburg bith at Report Time (TVD) ne Log Dur (hr) 12.00 SICP 2-7/8 from Load st Details reations Code mpletion reations Code lling	=280#. Opened well on 6 " SN & 112 jts 2-7/8", J-5 3629', recovered 6 bbls 2	3,999 /64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	Report CP=0# in 1 hr, dry gas, no 629' (TM). RU swab & comi	FTS. RIH w/ 5-1/2" Amenced swabbing. Tagort. Recovered 35 BF	"Production Casing, 3,999.0ftKB Arrowset pkr from Chevron stock,
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Dur (hr) 12.00 SICP 2-7/8 from Load pst Details erations Code mpletion erations Code illing	=280#. Opened well on 6 " SN & 112 jts 2-7/8", J-5 3629', recovered 6 bbls 2	/64" chk to flowback tank 5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	Report CP=0# in 1 hr, dry gas, no 629' (TM) RU swab & comi	FTS. RIH w/ 5-1/2" Amenced swabbing. Tag ort. Recovered 35 BF	Arrowset pkr from Chevron stock,
12.00 SICP 2-7/8 from Load set Details erations Code mpletion erations Code lling	" SN & 112 jts 2-7/8", J-5 3629', recovered 6 bbls 2	5 tbg. Set top of pkr @ 3 0% OC fluid. Cont'd swa	. CP=0# in 1 hr, dry gas, no 629' (TM). RU swab & comi bbing per attached swab rep	menced swabbing. Tag ort. Recovered 35 BF	
erations Code mpletion rrations Code Iling				LD PKr. SVVI. SDFN.	w/ show of gas in 10 swab runs.
rations Code lling			Report Field Est	Cum f	Field Est
illing			Report Field Est	9,141	406,8 Field Est
			Report Flera Est	0	427,1
ily Operations for 6/18/20	014 to 6/19/2014		Well Status - 13- Co	noletion	
ort Number	Days From Spud		Daily Field Est Total	•	Field Est To Date 874,
ent Operations	21		40	40,042	074,
H w/ Tubing & Rods oth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)	Last C	Casing String
	3,999	3,999	0	5 1/2	2"Production Casing, 3,999.0ftKB
ne Log Dur (hr)			Report	*	
7/8", 8rd E 3621 tee. coup rod w w/ 20 obse	6.5#, J-55, 8rd EUE tbg, Enduralloy tbg, 5-1/2" X 2-1 (TM). ND BOP's. Set TRIH w/ 1-1/4" X 12' gas a lings, (61) 3/4" HS rods w/ 22' SM. Seated pump. Digals surfactant & 5 gals	2-7/8" X 6' Stanley Gas S 7/8" Baker TAC w/ 45K sl AC @ 3555' (TM) w/ 16K ncchor, 25-200-HWBC-20- / FHSM couplings, (67) 7 Spaced rods 12" off btm biocide. Press tested tbg	eparator, 2-7/8" X 4' J-55 8rd near pins & 110 jts new 2-7/8 tension. NU 7-1/16" 3K X 2 3 insert pump (pump # BR-0/8" rods w/ FHSM couplings, NU stuffing box. MIRU Ro & pump to 500# - OK. Rele	d pup jt, 2.25" ID seatir i", 6.5#, J-55, 8rd EUE -7/8" EUE 'B-1' adapte i03), (14) 1-1/2" 'K' sinl 7/8" X 2', 4', 6', 8' HS ck pump trk. Loaded tased press to 250#. L	H w/ 2-7/8" bull plug, 1 jt new 2-ng nipple, 2 jts new 2-7/8", J-55 Etbg. EOT @ 3664' (TM). SN @ er flg. NU rod BOP's & pumping ker bars w/ 3/4" pins & FHSM pony rods & 1-1/2" X 26' polish tbg w/ 11 bbls 2% KCl wtr treated long stroked pump w/ rig to down 5-1/2" csg. SWI. RDMO
est Details erations Code			Report Field Est	I Cum I	Field Est
mpletion			Bonort Field Fet	40,642	447, Field Est
erations Code Illing			Report Field Est	0	427,
illy Operations for 6/19/2	014 to 6/20/2014		Well Status - 13- Co	mpletion	
oort Number	Days From Spuc		Daily Field Est Total	3,765	Field Est To Date 878,
rent Operations				· ·	
tch Rods, RDMO Completi pth at Report Time (TVD)	Start Depth (ftKB)	End Depth (ftKB)	Depth Progress (ft)		Casing String
me Log	3,999	3,999	0	5 1/2	2"Production Casing, 3,999.0ftKB
ine Log	nain -		Report		* * * * * * * * * * * * * * * * * * * *
Dur (hr)			rig. Cleaned location and w D PENDING FURTHER ACT		ac tanks. Turned well over to
12.00 Insta					
12.00 Insta Chev			Report Field Est	16	Field Est
12.00 Insta	-		Report Field Est	3,765	Field Est 451,

BRAMMER Engineering, Inc.

History of Well

Well Name: Mattern NCT B #29, H T

Brammer Engineering, Inc.

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API/UWI	Surface Legal Location	Permit/Serial Number	Field Name	County / Parish	State
30-025-41554	2310' FSL and 1460' FEL of Section 30,		Penrose Skelly	Lea	New Mexico
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB elev to Ground elev. (ft)	KB elev to Csg Flange elev. (ft)	Original Spud Date	Drilling Rig Release Date
3,485.00		11.50		5/1/2014 20:00	5/6/2014 17:30

	In-	- F A	N. 1. 12 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	O FILELT D.	
Report Number	29 Day	ys From Spud 62	Daily Field Est Total	Cum Field Est To Date	882,330
Current Operations Transfer Flowback Tanl	-	V-1		1,000	002,000
Depth at Report Time (TVD)	Start Depth (ftKB) 3,999	End Depth (ftKB) 3,999	Depth Progress (ft)	Last Casing String 5 1/2"Production C	asing, 3,999.0ftKB
Time Log	d w				, ,
Dur (hr)			÷ ⊊ Report	* * * * * * * * * * * * * * * * * * * *	
12.00		o trk transferred 30 bbls oil/water mixture ery per Mr. Clarence Fite's instruction. N			etion operations to
	•				
Cost Details					
		· · ·	Report Field Est	Cum Field Est	
Operations Code	<u> </u>		Report Field Est	Cum Field Est	455,320
Cost Details Operations Code Completion Operations Code			Report Field Est	The state of the s	455,320