

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

HOBBS OGD

Energy Minerals and Natural Resources

Oil Conservation Division

☐ AMENDED REPORT

NOV 14 2014

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address Cameron Oil & Gas Company, P.O. Box 1456, Roswell, NM 88202		2. OGRID Number 181109
		3. API Number 30-025-24667
4. Property Code 309507	5. Property Name Fluor	6. Well No. 4

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	35	22 S	37 E		990'	South	1650'	West	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name Langlie Mattix; 7 Rivers - Queen - Grayburg	Pool Code 37240
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Additional Well Information

11. Work Type E	12. Well Type O	13. Cable/Rotary R	14. Lease Type P	15. Ground Level Elevation 3308'
16. Multiple N	17. Proposed Depth 3675'	18. Formation QN/GRBG	19. Contractor TBD	20. Spud Date 1/02/2015
Depth to Ground water 86'		Distance from nearest fresh water well >2000'		Distance to nearest surface water NA or UNK

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

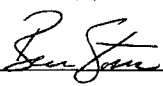
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12.25"	8.625"	20.0#	390'	250 'C'	Circ. to Surf.
Production	7.875"	5.5"	15.0#	3669'	350 'C'	1850' Calculated
Liner	4.974"	4.5"	11.4# FJ	3620'	100 'C'	Circ. to Surf.

Casing/Cement Program: Additional Comments

Reenter and install 4.5" Flush Joint Liner to repair damaged/corroded 5.5" casing. Run Liner from Surface to within 50' of perfs: 3652'-60'.

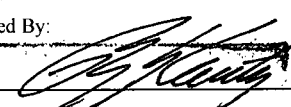
22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydraulic or Man./ Dbl. Blind Ram	3000 psi	5000 psi	Shaffer/ Hydril or equivalent

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☐, if applicable.
Signature: 

Printed name: **Ben Stone**
Title: **Agent for Cameron Oil & Gas Company**
E-mail Address: **ben@sosconsulting.us**
Date: **11/13/2014** Phone: **903-488-9850**

OIL CONSERVATION DIVISION

Approved By: 

Title: **Petroleum Engineer**

Approved Date: **11/17/14**

Expiration Date: **11/17/16**

Con E-PERMITTING

P&A NR

P&A R

INT to P&A

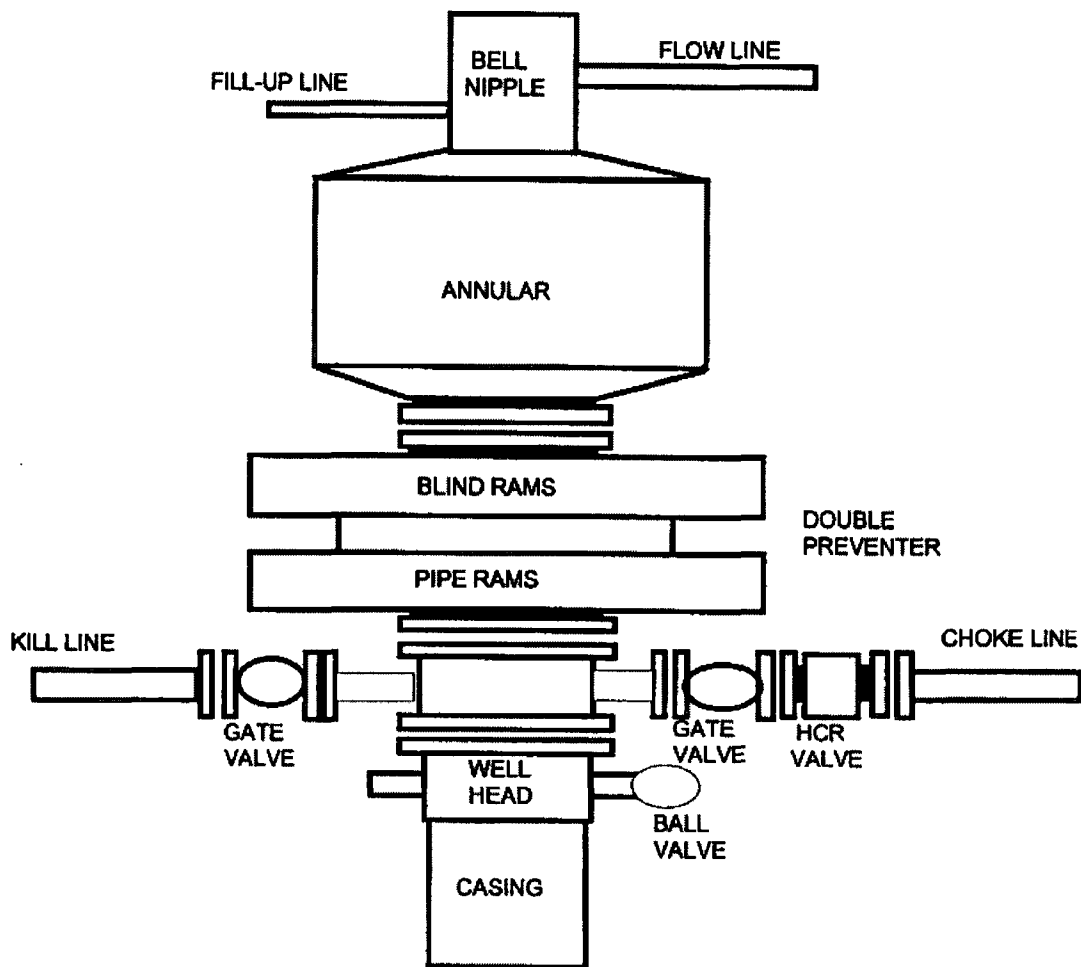
CSNG Op. Name **Ka** Chng Loc

TA **Remove PA date Ka**

NOV 18 2014


Blow Out Preventer Diagram

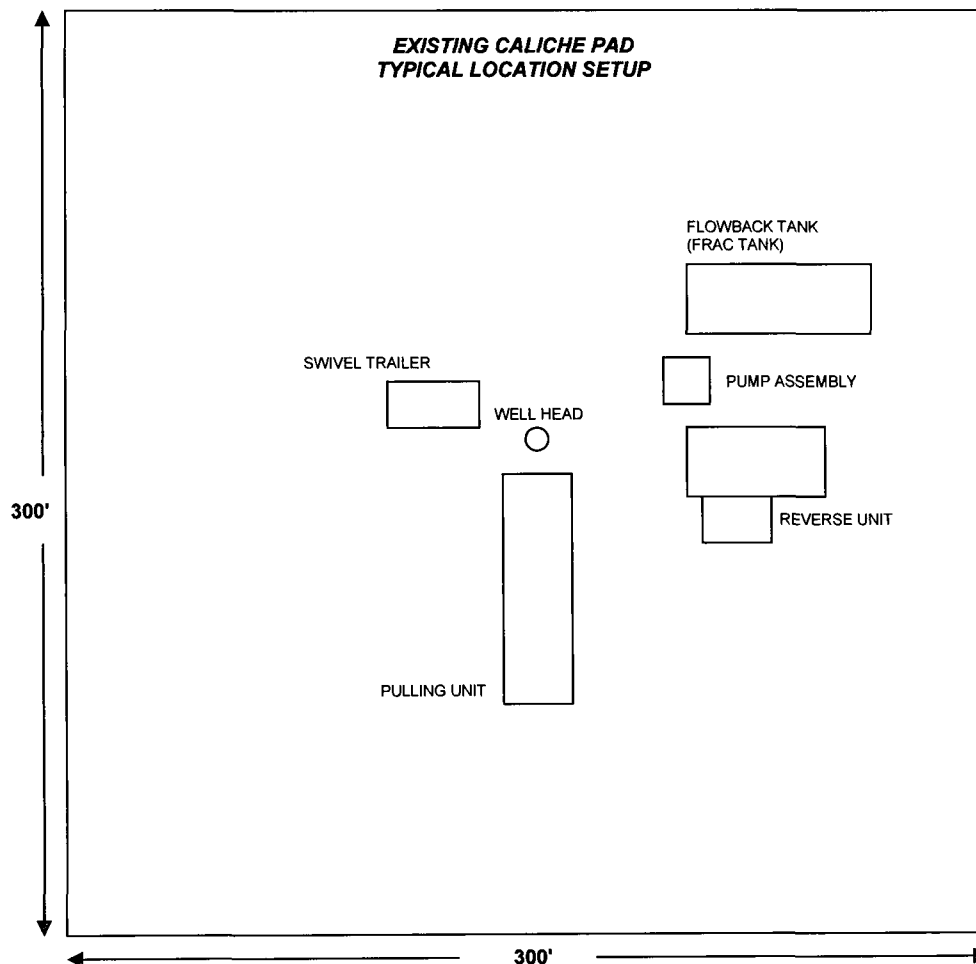
3000 PSI WORKING PRESSURE



Standard Operating Procedure - Re-entry

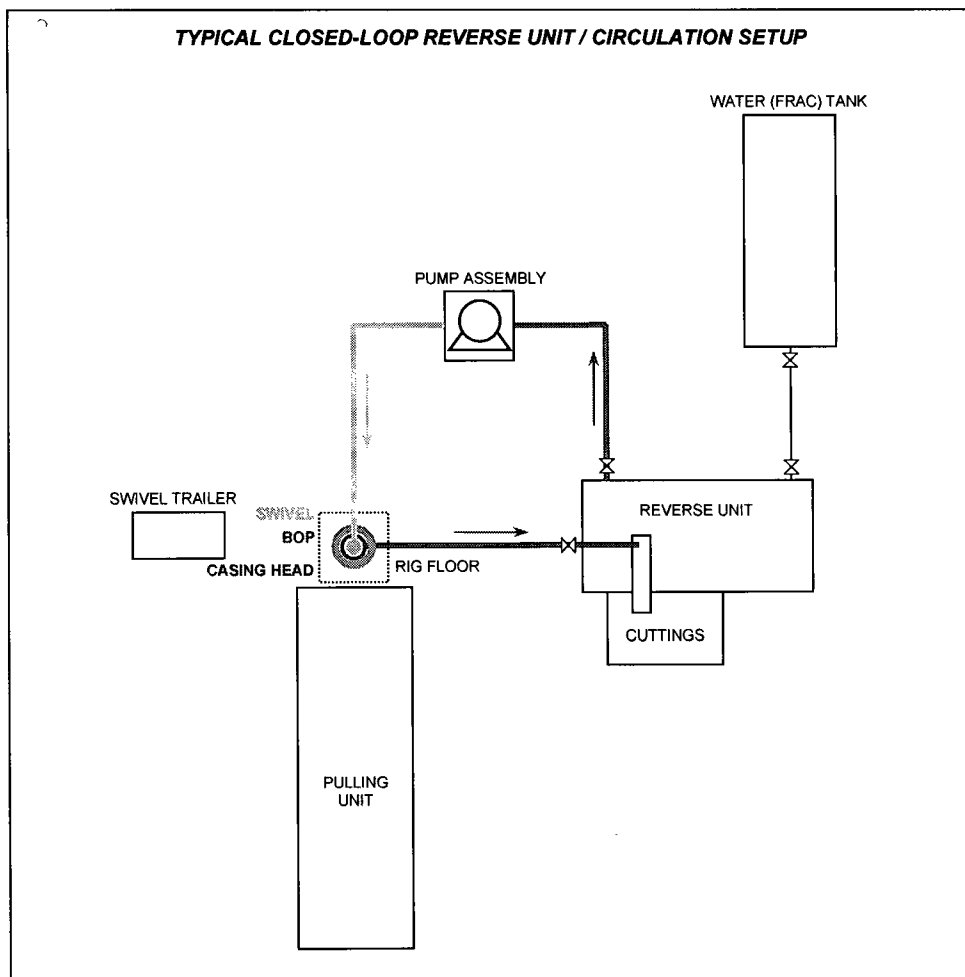
ALL OPERATIONS CONDUCTED WITHIN EXISTING PAD SITE NOT EXCEEDING 300' X 300'.

1. All contractors conduct safety meeting prior to task.
2. All equipment inspected daily. Repair as required.
3. Cuttings / waste hauled to specified facility. SUNDANCE - EUNICE
4. Spills contained & cleaned up immediately. Repair or otherwise correct the situation within 48 hours before resuming operations. Notify OCD within 24 hours. Remediation started ASAP if required. Operator shall comply with 19.15.29 NMAC and 19.15.30 NMAC, as appropriate.
5. Subsequent sundry / forms filed as needed - well returned to service.

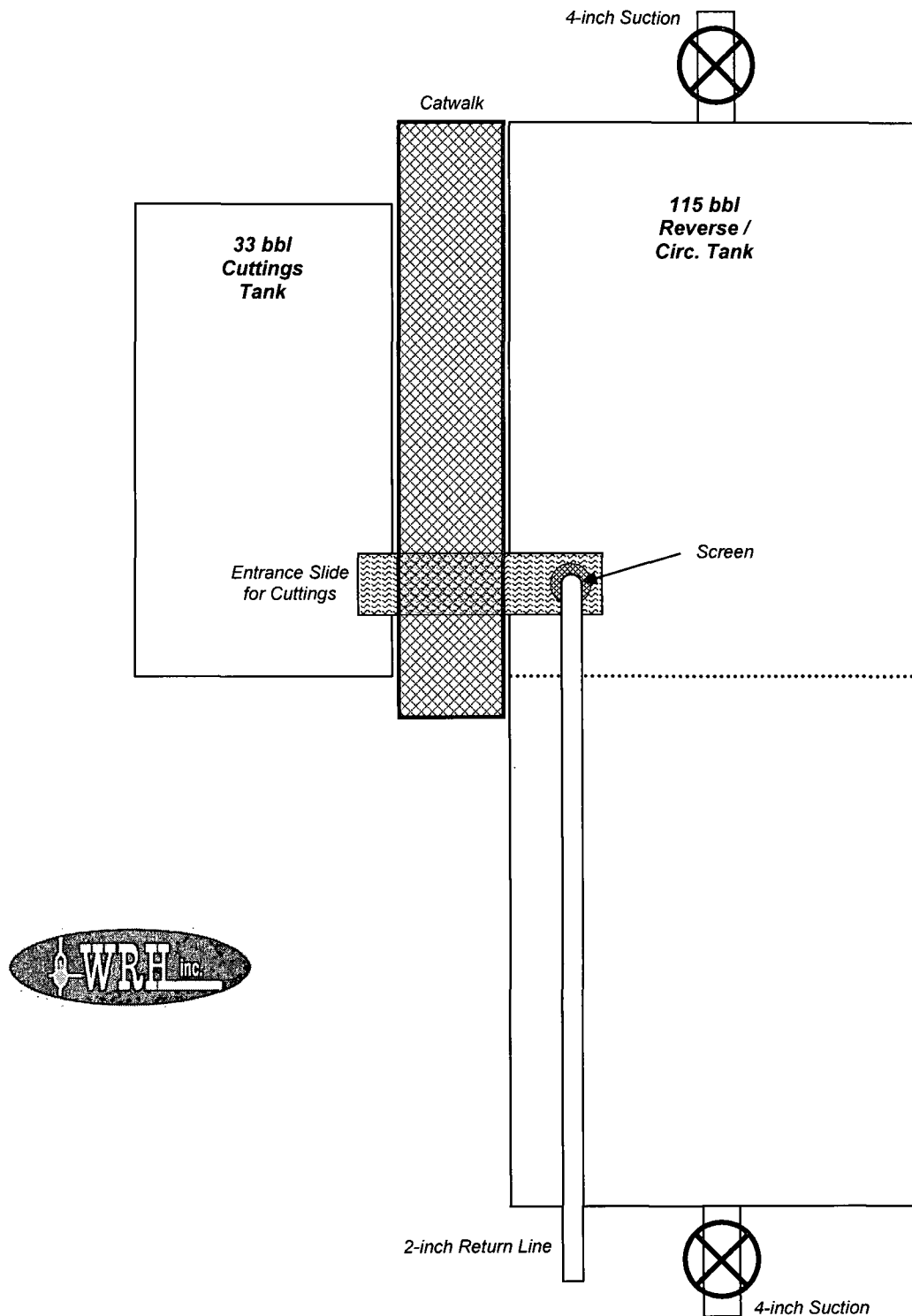


Standard Operating Procedure - Re-entry Closed-Loop Reverse Unit Diagram

1. Blow Out Preventer tested prior to any operations. Notify OCD at least 4 hours prior.
2. Visual monitoring maintained on returns. Proceed with drillout operations accordingly.
3. Cuttings / waste hauled to specified facility. Sundance, Eunice - LEA COUNTY
4. Spills contained & cleaned up immediately. Repair or otherwise correct the situation within 48 hours before resuming operations. Notify OCD within 24 hours. Remediation started ASAP if required. Operator shall comply with 19.15.29 NMAC and 19.15.30 NMAC, as appropriate.
5. Subsequent sundry / forms filed as needed - well returned to service.



Reverse / Circulation Tank for Workovers & Drillouts



PLUGGED WELL SCHEMATIC

Current Configuration

Fluor Well No.4

API 30-025-24667

990' FSL & 1650' FWL, SEC. 35-T22S-R37E

LEA COUNTY, NEW MEXICO

Spud Date: 2/21/1974

P&A Date: 4/22/1985

Well plugged by:
Petro-Search Exploration Corp.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

G.R. 3308'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 25' Cmt
25'-0'

Sqz Hole in Csg. 314'-298'
Circ. From 350' to Surf.

390'

Surface Casing

8.625", 20.0# Csg. (12.25" Hole) @ 390'

200 sx Cls 'C' - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 7048
SANTA FE, NEW MEXICO 87501

Form C-123
Revised 10-1-78

NO. OF SUNDRIES RECEIVED	
DISTRIBUTION	
DATE	
FILE	
W.D. NO.	
LAND OFFICE	
OPERATION	

30. Delinquent Type of Lease	State ☐ Fee ☒
31. Subsequent Casing Location	API 30-025-24-667

SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PRODUCE REPORTS OR FOR OTHER PURPOSES. IT IS FOR SUNDRIES ONLY.	
1. Name of Operator PETRO-SEARCH	2. Well No. 4
3. Address of Operator 1010 LANAR, SUITE 1800, HOUSTON, TEXAS 77002	4. Field and Name of Well LANGILL-MATIX
5. Location of Well N 990' FSL 1650' FWL 35' 228' 37' E	6. Elevation (Name whether BP, RT, GR, etc.) 3308 GR
7. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PLUG AND ABANDON ☐ GENERAL NAME ☐ REPAIR OR ALTER CASING ☐ CHANGE PLUG ☐ CHANGE TEST AND CEMENT JOB ☐ OTHER ☐	8. Subsequent Report Of: PLUG AND ABANDONMENT ☒ OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE PAGE 2 OF 2

PLUGGING PROCEDURE:

1. Set CIBP @ 2800'.
2. Mix 25 Sacks gel w/salt water and displace the hole.
3. Mix and pump 2 sks cement and place on CIBP (2750'-2800')
4. Mix and pump 100 foot cement plug (2400'-2500').
5. Mix and pump 100 foot cement plug (1100'-1200').
6. Mix and pump cement from 350' through casing leak @ 298'-314' to surface on surface-production casing annulus until cement circulated to the surface.
7. Place 25' cement plug inside the top of the 5 1/2" Casing stub (0-25').
8. Cut wellhead off and place dryhole marker in casing stub.
9. Cut off guyline anchors below surface.

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

PRODUCED BY <i>[Signature]</i>	TITLE PRODUCTION SUPERINTENDENT	DATE 4/22/85
PRODUCED BY <i>[Signature]</i>	TITLE OIL & GAS INSPECTOR	DATE 4/22/85

CONDITIONS OF APPROVAL, IF ANY:

Spot 100' Cmt
2500'-2400'

Load Hole w/
10# Salt Gel

Spot 2 sx
2800'-2750'

CIBP @ 2800'
(Set for P&A)

Formation fluids

Perfs 3652'-60' (1 jspr)

3675'

DTD @ 3675'

Production Casing

5.5", 15.0# Csg. (7.875" Hole) @ 3675'

350 sx Cls 'C' - TOC @ 1850' by Calc.



Drawn by: Ben Stone, 11/13/2014



PROPOSED WELL SCHEMATIC

Pumping Oil Well

Fluor Well No.4

API 30-025-24667

990' FSL & 1650' FWL, SEC. 35-T22S-R37E

LEA COUNTY, NEW MEXICO

P&A Date: 4/22/1985

Reentry Date: ~1/02/2015

Cameron Oil & Gas

REENTER / RETURN TO PRODUCTION:

D/O & C/O Existing Plugs to 3675'.

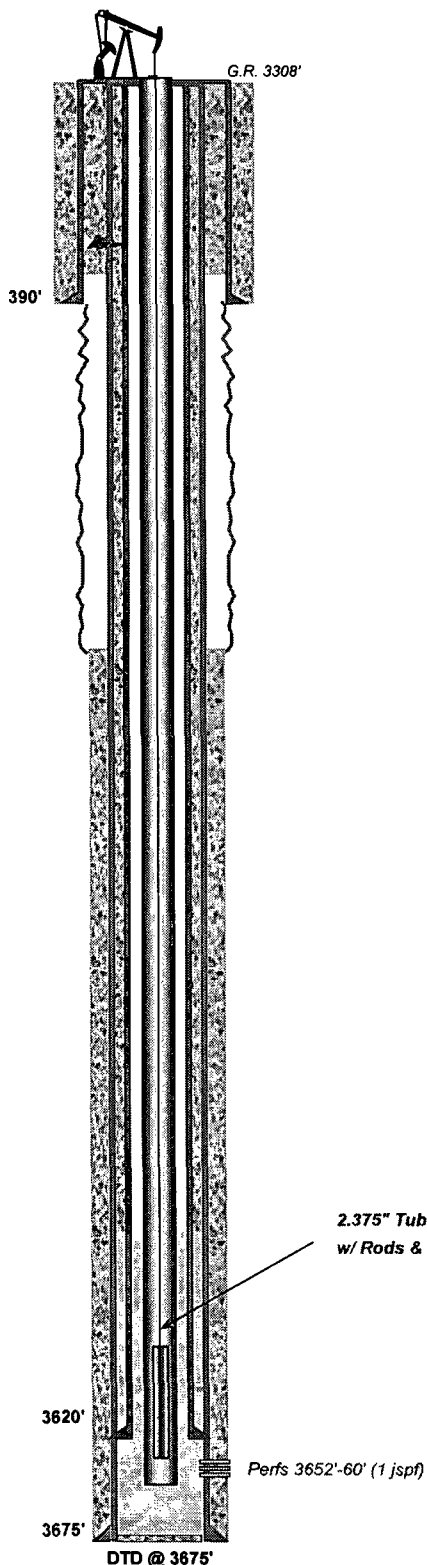
Run & Set New 4.5" - Set @ ~3620' w/ 100 sx

Circulate to Surface; D/O & C/O.

Acidize if Necessary w/ 15% HCl

Run Tubing, Pump & Rods.

Configure Pumping Unit and Begin Production.



Surface Casing

8.625", 20.0# Csg. (12.25" Hole) @ 390'

200 sx CIs 'C' - Circulated to Surface

Production Casing

5.5", 15.0# Csg. (7.875" Hole) @ 3675'

350 sx CIs 'C' - TOC @ 1850' by Calc.

2.375" Tubing
w/ Rods & Pump

Production Liner

4.5", 11.4# Lnr. (4.974" 5.5" Csg ID Hole) @ 3620'

100 sx CIs 'C' - Circulate to Surface.

Formation fluids



Drawn by: Ben Stone, 11/13/2014



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00496 POD2	CUB	ED		4	4	4	35	22S	37E	676339	3579884*	172	30	142
CP 00006		LE		4	1	3	27	22S	37E	673488	3581844*	85		
CP 00007		LE		4	1	3	27	22S	37E	673488	3581844*	100		
CP 00008		LE					27	22S	37E	673999	3582146*	182		
CP 00009		LE				3	27	22S	37E	673597	3581744*	150		
CP 00009 S		LE		4	4	1	27	22S	37E	673883	3582253*	90	52	38
CP 00010		LE					27	22S	37E	673999	3582146*	120		
CP 00081		LE		2	4	4	21	22S	37E	673064	3583243*	120		
CP 00141		LE		4	4	4	27	22S	37E	674701	3581464*	41		
CP 00142		LE		1	2	1	34	22S	37E	673704	3581247*	350		
CP 00143		LE		1	1	4	34	22S	37E	674121	3580450*	140		
CP 00187		LE		3	3	1	24	22S	37E	676468	3583912*	70		
CP 00188		LE		4	4	4	01	22S	37E	677803	3587954*	56		
CP 00189		LE		4	1	1	13	22S	37E	676632	3585923*	70		
CP 00195		LE		4	1	1	12	22S	37E	676602	3587532*	70		
CP 00199		LE		2	4	2	14	22S	37E	676237	3585714*	75		
CP 00204		LE		4	1	1	25	22S	37E	676690	3582706*	75		
CP 00207		LE		3	2	1	25	22S	37E	676892	3582713*	60		
CP 00208		LE		3	2	1	25	22S	37E	676892	3582713*	80		
CP 00231		LE		3	1	3	27	22S	37E	673288	3581844*	180		
CP 00231 S		LE		4	4	1	27	22S	37E	673883	3582253*	97		
CP 00232		LE		4	1	3	27	22S	37E	673488	3581844*	67		
CP 00233		LE		4	1	3	27	22S	37E	673488	3581844*	182		
CP 00233 S		LE		1	2	3	27	22S	37E	673690	3582051*	97		
CP 00234		LE		3	1	3	27	22S	37E	673288	3581844*	135		
CP 00243		LE		3	3	1	27	22S	37E	673281	3582246*	106		

*UTM location was derived from PLSS - see Help

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POD suffix indicates the
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closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column
	Sub- Code	basin	County	64	16	4	Sec	Tws	Rng					
CP 00243 S		LE	1	2	3	27	22S	37E	673690	3582051*		90	54	36
CP 00244		LE	4	3	3	27	22S	37E	673495	3581442*		148		
CP 00244 S		LE	3	4	1	27	22S	37E	673683	3582253*		87		
CP 00245		LE	3	4	3	16	22S	37E	672031	3584637*		136		
CP 00246		LE	2	3	4	16	22S	37E	672633	3584845*		135		
CP 00247		LE	3	3	3	27	22S	37E	673295	3581442*		100		
CP 00248		LE	3	3	3	27	22S	37E	673295	3581442*		111		
CP 00254		LE	2	4	1	04	22S	37E	672159	3588860*		164		
CP 00255		LE	1	4	1	04	22S	37E	671959	3588860*		162		
CP 00256		LE	1	3	3	22	22S	37E	673266	3583250*		145		
CP 00257		LE	3	3	3	22	22S	37E	673266	3583050*		135		
CP 00313		LE	3	3	3	15	22S	37E	673237	3584659*		100		
CP 00381		LE	3	1	4	22	22S	37E	674063	3583467*		130		
CP 00382		LE	3	3	4	22	22S	37E	674070	3583065*		130		
CP 00383		LE	3	1	4	22	22S	37E	674063	3583467*		130		
CP 00384		LE	2	2	1	27	22S	37E	673875	3582855*		82		
CP 00391		LE	4	4	4	17	22S	37E	671426	3584623*		96		
CP 00395		LE	4	2	3	28	22S	37E	672282	3581822*		90		
CP 00399		LE	4	1	4	17	22S	37E	671017	3585017*		110		
CP 00400		LE	2	1	3	28	22S	37E	671880	3582015*		108		
CP 00422		LE	3	4	4	04	22S	37E	672777	3587870*		130	92	38
CP 00445		LE	2	1	2	27	22S	37E	674277	3582863*		150		
CP 00451		LE	3	1	3	04	22S	37E	671564	3588250*				
CP 00467		LE	1	2	2	09	22S	37E	672784	3587668*		120		
CP 00468		LE	3	4	4	04	22S	37E	672777	3587870*		112		
CP 00470		LE	2	1	2	26	22S	37E	675886	3582892*		99	65	34
CP 00481		LE	4	2	2	05	22S	37E	671349	3589047*		125	90	35
CP 00503		LE		4	4	21	22S	37E	672965	3583144*		115	65	50
CP 00545		LE	3	2	2	35	22S	37E	676117	3581091*		70	35	35

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(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00547			LE	2	2	18	22S	37E		669696	3585901*	200		
CP 00560			LE	2	1	1	09	22S	37E	671778	3587646*	350		
CP 00561			LE	3	3	3	34	22S	37E	673324	3579834*	137	60	77
CP 00581			LE	2	2	2	14	22S	37E	676229	3586116*	125	65	60
CP 00628			LE	2	1	18	22S	37E		668892	3585888*	525	190	335
CP 00662			LE	3	3	1	15	22S	37E	673223	3585464*	180	150	30
CP 00666			LE		2	05	22S	37E		671055	3588939*	120	79	41
CP 00674			LE	1	1	15	22S	37E		673316	3585967*	100	75	25
CP 00675			LE	2	2	1	15	22S	37E	673817	3586073*	100		
CP 00679			LE	3	3	15	22S	37E		673338	3584760*	164	98	66
CP 00684			LE	1	1	15	22S	37E		673316	3585967*	200	180	20
CP 00699			LE	1	1	1	15	22S	37E	673215	3586066*	163	100	63
CP 00706			LE	3	3	1	24	22S	37E	676468	3583912*	96	60	36
CP 00708			LE			15	22S	37E		673941	3585363*	200	185	15
CP 00709			LE	1	3	15	22S	37E		673331	3585163*	200	87	113
CP 00756			LE	2	2	4	09	22S	37E	672999	3586863*	125	85	40
CP 00871			LE		3	09	22S	37E		671902	3586541*	167	94	73
CP 00911			LE	4	4	4	21	22S	37E	673064	3583043*	153		
CP 00929 EXPLORE			LE	3	3	3	02	22S	37E	674787	3587906*	1100		
CP 01157 POD1			LE	1	1	1	34	22S	37E	673325	3581348	143		
CP 01159 POD1			LE		2	03	22S	37E		674217	3589009	45		
CP 01159 POD2			LE		2	03	22S	37E		674223	3588982	40		
CP 01159 POD3			LE		2	32	22S	37E		674266	3588993	40		
CP 01159 POD4			LE		2	03	22S	37E		674279	3588986	40		
CP 01220 POD1			LE	1	2	02	22S	37E		675925	3589363	65	48	17
CP 01220 POD2			LE	1	2	02	22S	37E		675951	3589363	65	48	17

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Average Depth to Water: 86 feet

Minimum Depth: 30 feet

Maximum Depth: 190 feet

Record Count: 81

PLSS Search:

Township: 22S Range: 37E