District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

[1] Operator Name and Address PRIDE ENERGY COMPANY P.O. Box 701602, Tulsa, OK 74170-1602	[2] OGRID Number 151323 [3] API Number 30- 025-20689
[4] Property Code 27138	[5] Property Name State
[6] Well No. 1	

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	1	12 S	34E		660	South	660	West	Lea

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[9] Proposed Pool 1 ~~Four Lakes Penn~~ Wildcat; Atoka	[10] Proposed Pool 2

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
E	G	Rotary	S	4,152
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	12,431	Atoka/Morrow	unknown	ASAP

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	36#	306'	300	In Place
12 1/4"	9 5/8"	36# & 40#	4,164'	450	In place except top
					1,050
8 3/4"	5 1/2"	17#	0-10,641	300	
8 3/4"	5 1/2"	20#	10,641-12,431	50	

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

(See Drilling Prognosis Attached)

Permit Expires 1 Year From Approval
Date Unless ~~Drilling~~ Underway
Re-entry

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: John W. Pride

Printed name: John W. Pride

Title: President of Pride Oil & Gas Co., Inc. as General Partner of Pride Energy Company

Date: January 5, 2001

Phone: (918) 524-9200

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: JAN 22 2001

Expiration Date:

Conditions of Approval:

Attached ☐

[illegible] 7/01

2-6-01

District I
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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-20689		Wildcat; Atoka ~~Four Lakes Penn~~

[4] Property Code	[5] Property Name	[6] Well Number
27138	State	1

[7] OGRID No.	[8] Operator Name	[9] Elevation
151323	Pride Energy Company	4,152'

[10] Surface Location

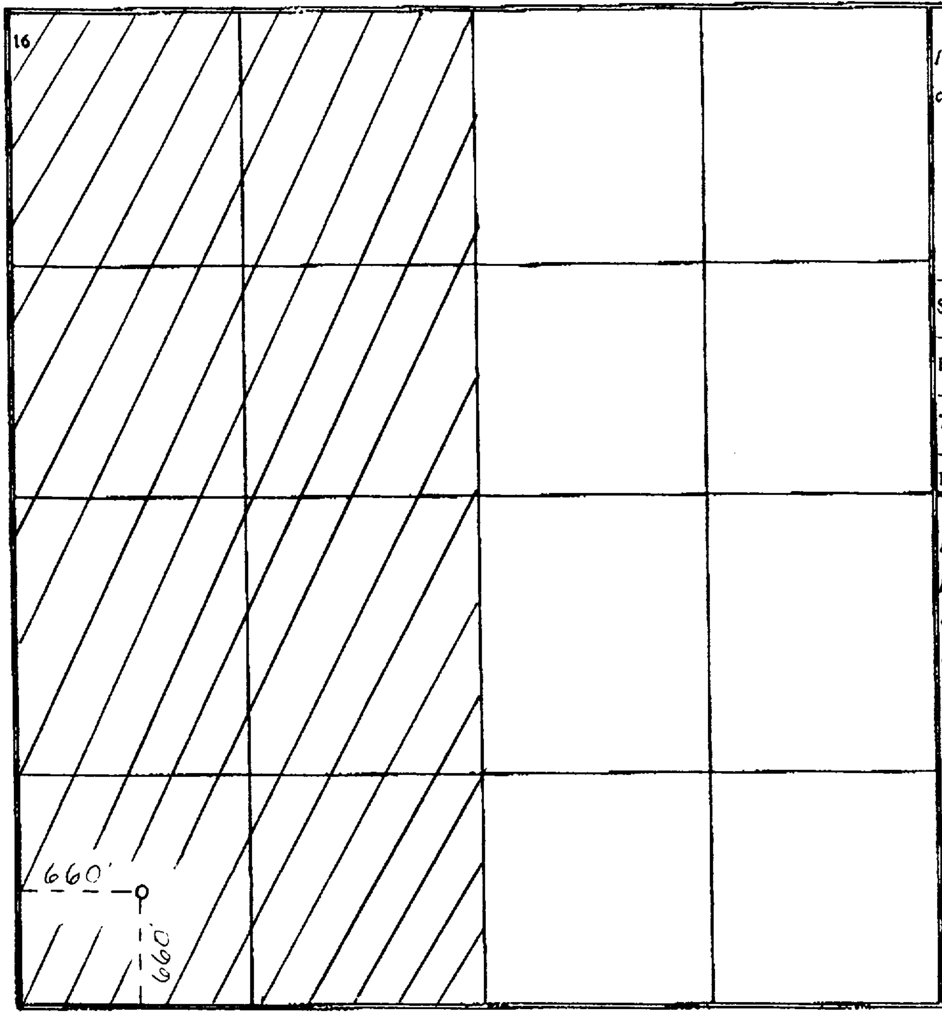
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	1	12 S	34E		660	South	660	West	Lea

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320	N	C	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

John W. Pride
Signature

Printed Name John W. Pride
Title President of Pride Oil & Gas Co. Inc. as General Partner of Pride Energy Company
Date January 5, 2001

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Refer to Original Plat

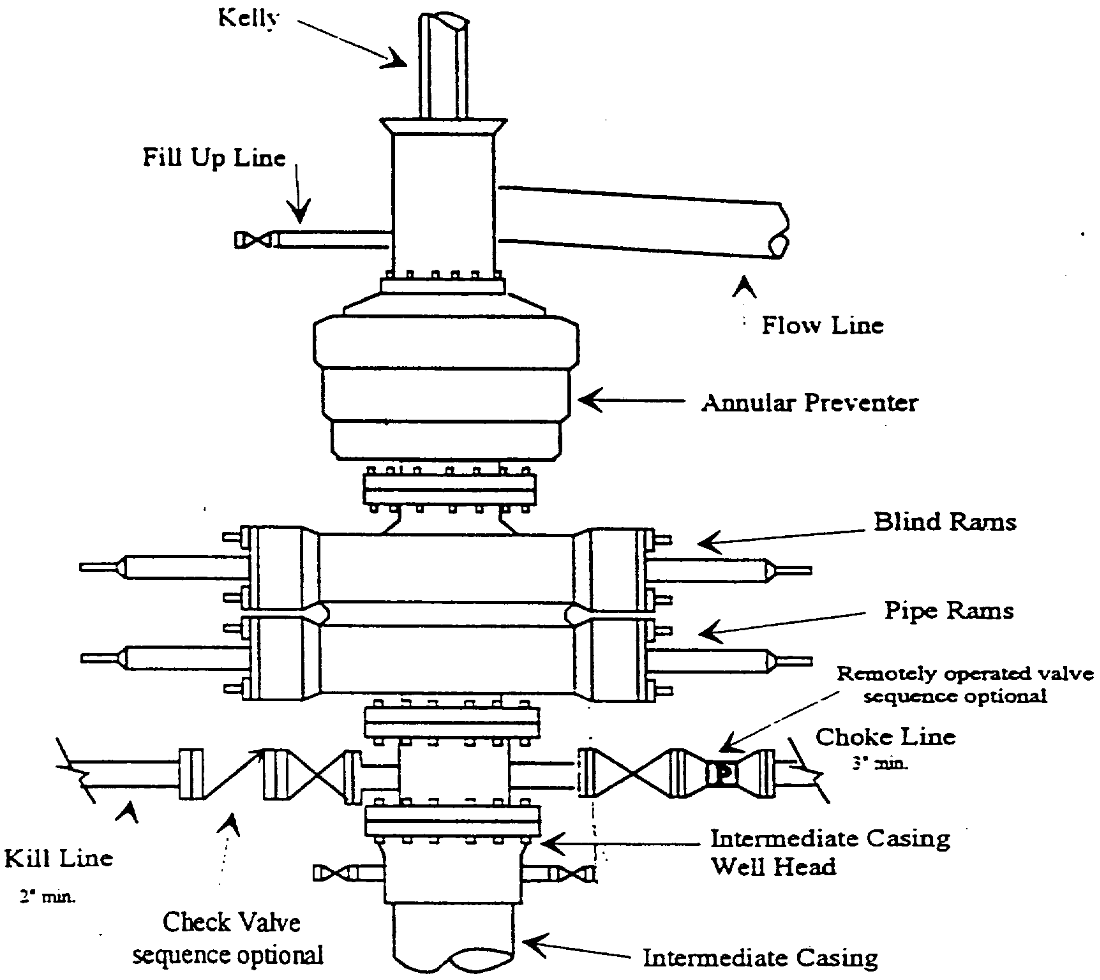
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number

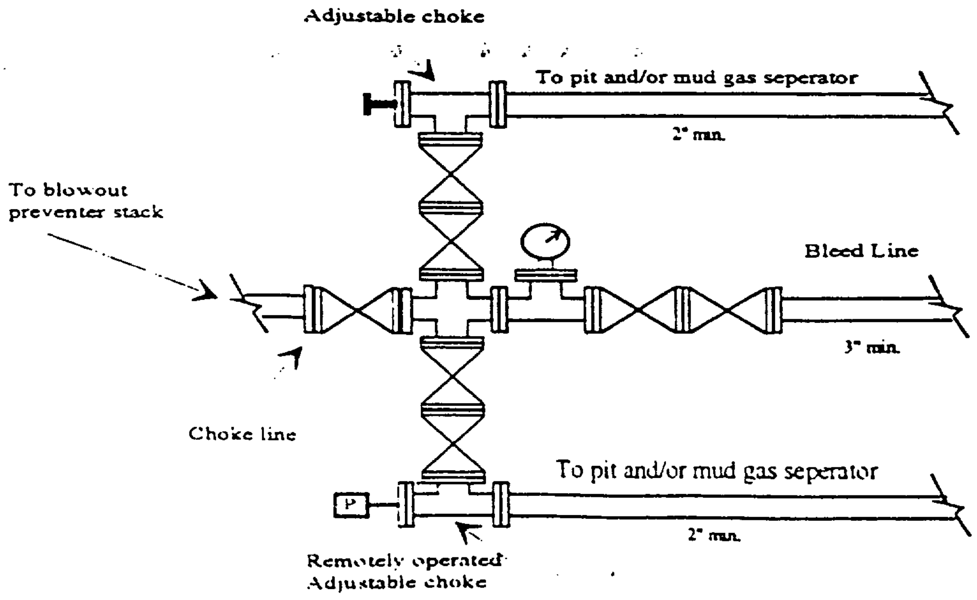
BOP-4

PRIDE ENERGY COMPANY

Typical 5,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimun features



Pride Energy Company
Procedure
State #1-M (Re-entry)
Section 1-T12S-R34E
660'fls & 660' fwl
Lea County, NM

Pride Energy Company
POB 701602
2250 East 73rd Street, Suite 550
Tulsa, OK 74170
918 524 9200 office
918 524 9292 fax

January 5, 2001

Project: Re-enter to 12,431' and test the Atoka and/or Morrow at 11,580'-11,700' and 11,950'-11,960'.

String	Diameter'	Weight	Depth	Top
Surface Casing	13-3/8"	36 ppf	306'	3'
Intermediate Casing	9-5/8"	36,40 ppf	4164'	1050'

Cement Plugs:
surface, 10 sacks
306' base of the surface pipe, 25 sacks
1050' stub of the 9-5/8"casing, 25 sacks
4164' base of the 9 5/8"casing, 25 sacks
5595', 25 sacks
7030', 25 sacks
9205', 25 sacks
9920', 25 sacks
11,030', 25 sacks

Procedure:

1. Locate the well. Restore the location and road. Dig and board a cellar around the well.
2. Cut off the cap and extend the 13-3/8" to the proper level to match the rig sub-structure.
3. Install a 3,000 psi wp weld-on flanged well head. Rig-up a rotary drilling rig.
4. Run a 12-1/4" rock bit and drill the surface plug, the plug at 306' and the plug at 1050' to the top of the casing.
5. Run an 8-5/8" pilot mill and dress the inside of the casing. Run a dress-off mill and dress the top of the 9-5/8" casing.
6. Run a tie-back sleeve consisting of 20' of 10 ¾" casing with a cut-rite shoe built on the bottom on 9-5/8", 36ppf, J-55 casing.
7. Run an 8-5/8" bit. Clean out through the splice to next plug. Run a multi-arm caliper log to check for other shot points.
8. Set a retainer in the 9-5/8" casing just above the tie-back sleeve. Sting into the retainer with the drill pipe and cement the splice.
9. Run the 8-5/8" and drill the retainer and the cement plugs at 4,164', 5,595',7,030', 9,205', 9,920' and 11,030'. Run to 12,431'.
10. Condition the mud. Run laterolog, gamma-ray, neutron, density and pe logs. Note: pe for a good zone 1.8 to 2.0,<2.5.
11. Run 1,000' of 20 ppf and 11,431' of 17ppf, 5-1/2", P-110, 8rd, LT&C casing for casing treating. Or for tubing treating:
12. Run 1,800' of 20 ppf, N-80, 9,200' of 17ppf, N-80 and 1,431' of 20 ppf, S-95, 5-1/2", P-110, 8rd, LT&C casing.
13. Cement to above 11,000', flush with 4% KC1 water. Rig-down and clean the location.
14. Run a gr and cement bond log and insure that the pbtd is at least 12,100'. Set a permanent packer and profile at 11,850'.
15. Rig-up a work-over rig. Run a seal assembly, profile nipple and 11,850' of 2-7/8" 6.5 ppf, N-80 tubing.
16. Install the tree. Swab the fluid level to 5,000'. Perforate at 11,950'-11,960'. Attempt to swab dry.
17. Fracture treat with gelled water, CO2 and N2, 20,000 gal pad and 20,000 gal laden with 30,000 pounds of 20/40 interprop.
18. Flow test. Do not cause the well to stop flowing! Produce to deplete the zone or place plug in the bottom profile.
19. Pull the tubing. Set a packer and profile nipple on tubing at 11,500'.
20. Install the tree. Swab the fluid level to 5,000'. Perforate at 11,588'-11,598'; 11,642'-11,650'; 11,672"-11,678'. Attempt to swab dry.
21. Fracture treat with gelled water, CO2 and N2, 20,000 gal pad and 25,000 gal laden with 50,000 pounds of 20/40 interprop.
22. Flow test. Do not cause the well to stop flowing!
23. If the pressures of the two zones are similar indicating that cross-flow would be limited then pull the bottom plug. Produce.

Prepared by: R.L. Hilbun, P.E.

jp2004.hq

W MEXICO OIL CONSERVATION CO ON

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

HOBBS OFFICE O. C. C.
NOV 16 11 13 AM '64

Name of Company Hanagan Petroleum Corporation			Address P.O. Box 1737, Roswell, New Mexico		
Lease State	Well No. 1-M	Unit Letter M	Section 1	Township 12 South	Range 34 East
Date Work Performed 9/18/64	Pool Four Lakes			County Lea	

THIS IS A REPORT OF: *(Check appropriate block)*

☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other *(Explain)*:
☒ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

T. D. 12,431 L. Miss Lime - Plugs as follows: 25 sx. @ 11,030', 25 sx. @ 9920', 25 sx. @ 9205', 25 sx. @ 7030', 25 sx. @ 5595', 25 sx. @ base 9 5/8" csg. 4175, 25 sx. @ stub of 9 5/8" (1050'), 25 sx. @ base surface 13 3/8", & 10 sx. plug @ surface w/standard marker. Intervals between plugs filled with heavy drilling mud. Plugs set using rig with Halliburton Cementing Co. ~~Location now cleaned and ready for inspection~~.

Witnessed by Nolan H. Brunson	Position	Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	PBTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
Approved by Leslie A. Clements	Name Hugh E. Hanagan Hugh E. Hanagan
Title [illegible]	Position Vice President
Date [illegible]	Company Hanagan Petroleum Corporation

RECORD OF DRILL-STEM AND SPEC. TS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 12,431 feet, and from .... feet to .... f
Cable tools were used from .... feet to .... feet, and from .... feet to .... f

PRODUCTION

Put to Producing P & A 9/18, 1964

OIL WELL: The production during the first 24 hours was .... barrels of liquid of which .... % was oil; .... % was emulsion; .... % water; and .... % was sediment. A. Gravity ....

GAS WELL: The production during the first 24 hours was .... M.C.F. plus .... barrels liquid Hydrocarbon. Shut in Pressure .... lbs.

Length of Time Shut in ....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico
T. Anhy 2070	T. Devonian		T. Ojo Alamo
T. Salt	T. Silurian		T. Kirtland-Fruitland
B. Salt	T. Montoya		T. Farmington
T. Yates 2840	T. Simpson		T. Pictured Cliffs
T. 7 Rivers	T. McKee		T. Menefee
T. Queen	T. Ellenburger		T. Point Lookout
T. Grayburg	T. Gr. Wash		T. Mancos
T. San Andres 4142	T. Granite		T. Dakota
T. Glorieta 5593	T.		T. Morrison
T. Drinkard	T.		T. Penn
T. Tubbs 7030	T. T/Wlfc.Lime 9205		T.
T. Abo 7810	T.		T.
T. Penn 9918	T.		T.
T. Miss (Lower) 12380	T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2070	2070	Red beds w/sm.thin f.g. sd. & strgs.anhy-gyp.				Wire line D.S.T. 10744-47. Sampling time 20 min. Rec. 20,800 c.c. water, N.S. (60% fm. wtr. & 40% filt. wtr.) Shut-in 3750-3700 FP 100-3700
2070	2840	770	Anhy.,gyp.,sm.salt & red beds.				
2840	4140	1300	Red sh, anhy, dol, occas,red f.g.sd.				
4140	5600	1460	Dol & lime				
5600	7800	2200	Mostly dolo.& anhy.sm gry f.g.sd.zones.				
7800	9200	1400	Mostly red & grn sh. upper 2/3 &predom dol bot. 1/3				
9200	9600	400	Predom. lime w/thin sh. strks.				
9600	11100	1500	Alternating lime & sh.				
11100	11500	400	Predom.lime w/thin sh.				
11500	12050	500	Predom. sh. w/thin lm. & sd. strgs.				
12050	12200	1500	Oolitic lime				
12200	12380	180	Predom. sh w/lm strgs.				
12380	T.D.	151	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it s as can be determined from available records.

11/18 (Date)

Hugh E. Hanagan

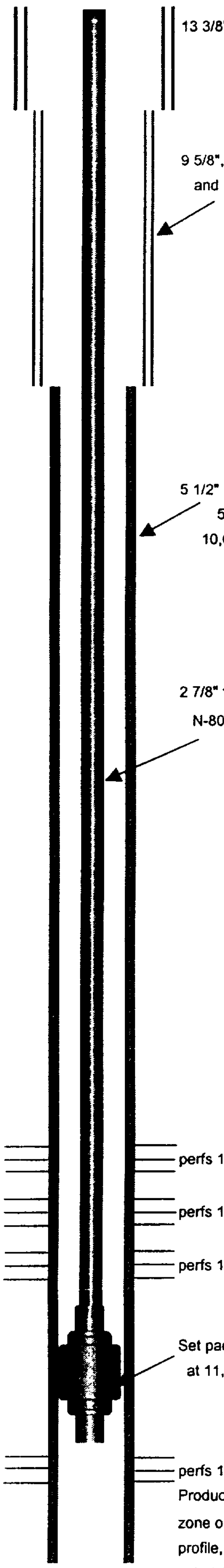
Company or Operator Hanagan Petroleum Corp.
Address P.O. Box 1737, Roswell, N. Mex.
Name Hugh E. Hanagan
Position or Title Vice President

Proposed

Wellbore Data Schematic

(Graphics are not to scale)

Company: Pride Energy Company
Lease: State #1-M
Location: CSW 1/4 SW 1/4 (660' fsl, 660' fwl) Sec 1, T 12S, R 34E
Date: 05-Jan-00
County: Lea
API#: 30-025-20689
State: NM



13 3/8", 36#, 306'BTM, 300 sx

9 5/8", 36# & 40#, 4,164' cut and pulled from 1,050' (1050' to be replaced)

5 1/2" csg, 17# 0-10,641, 300sx. 5 1/2", 20# cs'g. 10,641-12,431, 50 sx

2 7/8" tubing, EOT 11,850 N-80, 6.5#

perfs 11,588-11,598

perfs 11,642- 11,650

perfs 11,672- 11,678

Set packer & profile nipple at 11,850'

perfs 11,950- 11,960 Produce to deplete lower zone or place plug in bottom profile, if plug, then pkr will be set at 11,488'

TD 12,431'

Tubing Data

Description	Length	Top	Bottom
2 7/8, N-80, 6.5#	11850	0	11850
Packer & Profile Nipple			

Total length of String (No Elevation) ——▶ 11850'

Rod & Pump Data

Description	QTY	Length	Footage
N/A			

Total Rod / Pump Length ——▶

Calculated Data (With Elevation)

TAC Depth @ ______
Avg Jt Length ______
Seat Nipple @ ______
Pump Intake ______
Gas Anchor Length ______
Jts Between Surfact / TAC ______
Pump API Code
Pump Co. ______

Additional Notes:

8 3/4" Hole Size down to 12,431 TD

Wash down and drill out plugs as follows:

25 sx @ 11,030', 25 sx @ 9,920', 25 sx @ 7,030', 25 sx @ 5,595', 25 sx @ 9,920', 25 sx @ 7,030', 25 sx @ 5,595', 25 sx @ base of 9 5/8" csg @ 4,175', 25 sx @ stub of 9 5/8" csg @ 1,050', 25 sx @ base of surface csg 13 3/8" @ 306', 10 sx plug @ surf w/ standard marker, Intervals between plugs filled w/ heavy driling mud

Objective: Wash down wellbore & perf. Atoka/ Morrow

Schematic Prepared By:
John Pride
Phone: (918) 524-9200 Fax: (918) 524-9292 E-mail: johnp@pride-energy.com