

STATE OF NEW MEXICO

OIL AND GAS DEPARTMENT

OIL CONSERVATION DIVISION

P.O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES PREPARED	
DISTRIBUTION	
SALT ATE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

State	XX
OG-4765	

7. Unit Agreement Name

8. Form or Lease Name

Pennzoil State

9. Well No.

2

10. Field and Pool, or Wildcat

NE Lovington Penn

12. County

Lea

1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐CRY ☐

OTHER

2. TYPE OF COMPLETION

NEW WELL ☐REWORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. PRESS. ☐

OTHER

3. Name of Operator

Blanks Energy Corporation

4. Address of Operator

600 Blanks Building, Midland, Texas 79701

5. Location of Well

UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM

THE East LINE OF SEC. 18 TWP. 16-S RGE. 37-E NMPM

15. Date Spudded 06-18-80 16. Date T.D. Reached 07-28-80 17. Date Compl. (Ready to Prod.) 08-13-80 18. Elevations (DF, RKB, RT, GR, etc.) 3894.1 KB; 3879.1 GL 19. Elev. Casinghead 3879.1' GL

20. Total Depth

11,530'

21. Plug Back T.D.

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools Cable Tools

Surf-TD

24. Producing Interval(s), of this completion - Top, Bottom, Name

11,407-58' Penn Lime

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

GR-Forxo-Guard, GR-SND

27. Was Well Cored

No

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	392'	17 1/2"	400 sx	NA
8 5/8"	24, 28, 32	4282'	11 "	1400 sx	NA
4 1/2"	11.6	11530'	7 7/8"	1225 sx	NA

29.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	11,300'	11,300'

31. Perforation Record (Interval, size and number)

11,407, 11, 13, 16, 18, 20, 22, 25, 27, 29, 32, 36, 37, 44, 46, 48, 52, 54, 56, 58.
(20-0.48" Holes)

32.

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,407-58'	2100 Gal MOD 202

33.

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
08-13-80		Flowing				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
08-21-80	24 hrs.	24/64"		1008	1608	-0-	1595:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
700#	Pkr		1008	1608	-0-		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Jim Stewart

35. List of Attachments

Test Summary-DST

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

Gary Leist

TITLE

Engineer

DATE

Aug. 26, 1980

Southeastern New Mexico

T. Ashy	2144'	T. Canyon	
T. Salt		T. Simpson	11,311'
B. Salt		T. Atoka	
T. Yates		T. Miss	
T. 7 Rivers		T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Monterey	
T. San Angelo	5030'	T. Simpson	
T. Glorieta	6455'	T. Meller	
T. Paddock		T. Ellenburger	
T. Blinberry		T. Gr. Wash	
T. Tubb	7725'	T. Granite	
T. Drinkard		T. Delaware Sand	
T. Abo		T. Bone Springs	
T. Wolfcamp		T.	
T. Penn	9960'	T.	
T. Cisco (Bough C)		T.	

T. Ojo Alamo _____	T. Penn. "B" _____
T. Bartlesville _____	T. Penn. "C" _____
T. Fairbault _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Memphis _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mances _____	T. McCracken _____
T. Gallup _____	T. Ignacio _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilhe _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

FLUID SAMPLE DATA				Date 7-27-80		Ticket Number 820216	
Sampler Pressure <u>500</u> P.S.I.G. at Surface Recovery: Cu. Ft. Gas <u>1.8</u> cc. Oil <u>600</u> cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____ Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl. RESISTIVITY CHLORIDE CONTENT Recovery Water _____ @ _____ °F _____ ppm Recovery Mud _____ @ _____ °F _____ ppm Recovery Mud Filtrate _____ @ _____ °F _____ ppm Mud Pit Sample _____ @ _____ °F _____ ppm Mud Pit Sample Filtrate _____ @ _____ °F _____ ppm Mud Weight <u>9.4</u> vis <u>35</u> sec.				Kind of D.S.T. <u>OPEN HOLE</u> Tester <u>MR. GIBSON</u> Witness <u>MR. STEWART</u> Drilling Contractor <u>CHICO DRILLING COMPANY RIG # 3 sm</u>		Mainburter Location <u>HOBBS</u>	
EQUIPMENT & HOLE DATA							
Formation Tested <u>Strawn</u> Elevation <u>3850'</u> ground level Ft. Net Productive Interval <u>80'</u> Ft. All Depths Measured From <u>Kelly bushing</u> Total Depth <u>11474'</u> Ft. Main Hole/Casing Size <u>7 7/8"</u> Drill Collar Length <u>577'</u> I.D. <u>2.25"</u> Drill Pipe Length <u>10766'</u> I.D. <u>3.826"</u> Packer Depth(s) <u>11382-11390'</u> Ft. Depth Tester Valve <u>11345'</u> Ft.							
Cushion		TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke	
			<u>Estimated</u>		<u>1" Adj.</u>	<u>.75"</u>	
Recovered			<u>66</u>	<u>XXXXX bbl. of gas cut oil (reversed)</u>			
Recovered			Feet of				
Recovered			Feet of				
Recovered			Feet of				
Recovered			Feet of				
Remarks <u>SEE PRODUCTION TEST DATA SHEET</u>							
TEMPERATURE		Gauge No. <u>1516</u>	Gauge No. <u>1496</u>	Gauge No. _____	TIME (00:00-24:00 hrs.)		
		Depth: <u>11366</u> Ft.	Depth: <u>11470</u> Ft.	Depth: _____ Ft.			
		<u>24</u> Hour Clock	<u>24</u> Hour Clock	Hour Clock			
Est. °F.		Blanked Off <u>NO</u>	Blanked Off <u>YES</u>	Blanked Off _____	Tool Opened <u>0230</u>		
Actual <u>168 °F.</u>		Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office	
Initial Hydrostatic		<u>5561.9</u>	<u>5612.5</u>	<u>5608.0</u>			
First Period Flow	Initial	<u>591.2</u>	<u>1040.0</u>	<u>1017.7</u>			
	Final	<u>1057.1</u>	<u>1261.7</u>	<u>1243.9</u>			
	Closed in	<u>3358.4</u>	<u>3386.7</u>	<u>3395.5</u>			
Second Period Flow	Initial	<u>1024.1</u>	<u>1062.1</u>	<u>1057.6</u>			
	Final	<u>2097.1</u>	<u>2125.9</u>	<u>2125.8</u>			
	Closed in	<u>3351.7</u>	<u>3386.7</u>	<u>3379.9</u>			
Third Period Flow	Initial						
	Final	<u>Q = questionable</u>					
Final Hydrostatic		<u>5561.9-0</u>	<u>5612.5</u>	<u>5612.4</u>			

 Legal Location
 Sec. 1 Twp. 36 N. R. 10 E.

18 16S 37E

 Field Area
 STRAWN

County

LEA

State

NEW MEXICO

PENZOIL

2

Well No.

Test No. 1

 11390 - 11474'
 Tested Interval

 M.C. BLANKS ENERGY CORPORATION
 Lease Owner/Company Name

Casing perf. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 820216
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ % _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1930						Tester on location
2015						Picked up tools
2145						Went in hole
7-27-80						
0230	BH					Opened with a good blow
0235	BH	45				Increased - put on 1/4" choke
0240	1/4"	85				"
0245	"	115				"
0246	"	125				Increased with gas to the surface
0250	"	140				Increasing
0255	"	165				"
0300	"	175				Increasing - closed tool
0400	3/8"	55				Tool open
0405	"	70				Increasing
0410	"	70				No change
0415	"	65				Decreasing
0420	"	60				"
0425	"	55				"
0430	"	100				Flowing, put on 1/2" choke
0440	1/2"	150				Increasing
0445	"	140				Decreasing
0455	"	135				"
0509	"	275				Increasing, closed tool
0840						Opened bypass, pulled off bottom
1000						Reversed out
1830						Job complete

HALLIBURTON SERVICES

MIDLAND DIVISION

HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

No. W80-837

To W.C. BlanksDate 7-28-80600 Blanks BuildingMidland, Texas

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. 7-28-80Well No. Pennzoil #2 Depth 11,474' Formation StrawnCounty Lea Field Strawn Source DST #1

	Tool Top	Circ. Sub.	Pit Sample
Resistivity	0.138 @ 74°F.	0.138 @ 74°F.	0.142 @ 74°F.
Specific Gravity			
pH			
Calcium (Ca)			*MPL
Magnesium (Mg)			
Chlorides (Cl)	49,000	49,000	49,000
Sulfates (SO ₄)			
Bicarbonates (HCO ₃)			
Soluble Iron (Fe)			
Sampler - 100% Oil - API Gr. @ 60°F.	- 43.0		
Top Rec. - 100% Oil - API Gr. @ 60°F.	- 41.4		
Middle Rec. - 100% Oil - API Gr. @ 60°F.	- 40.6		
Fl. Line #1 - 100% Oil - API Gr. @ 60°F.	- 40.6		
Fl. Line #2 - 100% Oil - API Gr. @ 60°F.	- 40.6		

Remarks: _____ *Milligrams per liter

Respectfully submitted,

Analyst: Brewer

HALLIBURTON COMPANY

cc:

By W. L. Brewer
CHEMIST

NOTICE

THIS REPORT IS LIMITED TO THE DESCRIBED SAMPLE TESTED. ANY USER OF THIS REPORT AGREES THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER IT BE TO ACT OR OMISSION, RESULTING FROM SUCH REPORT OR ITS USE.

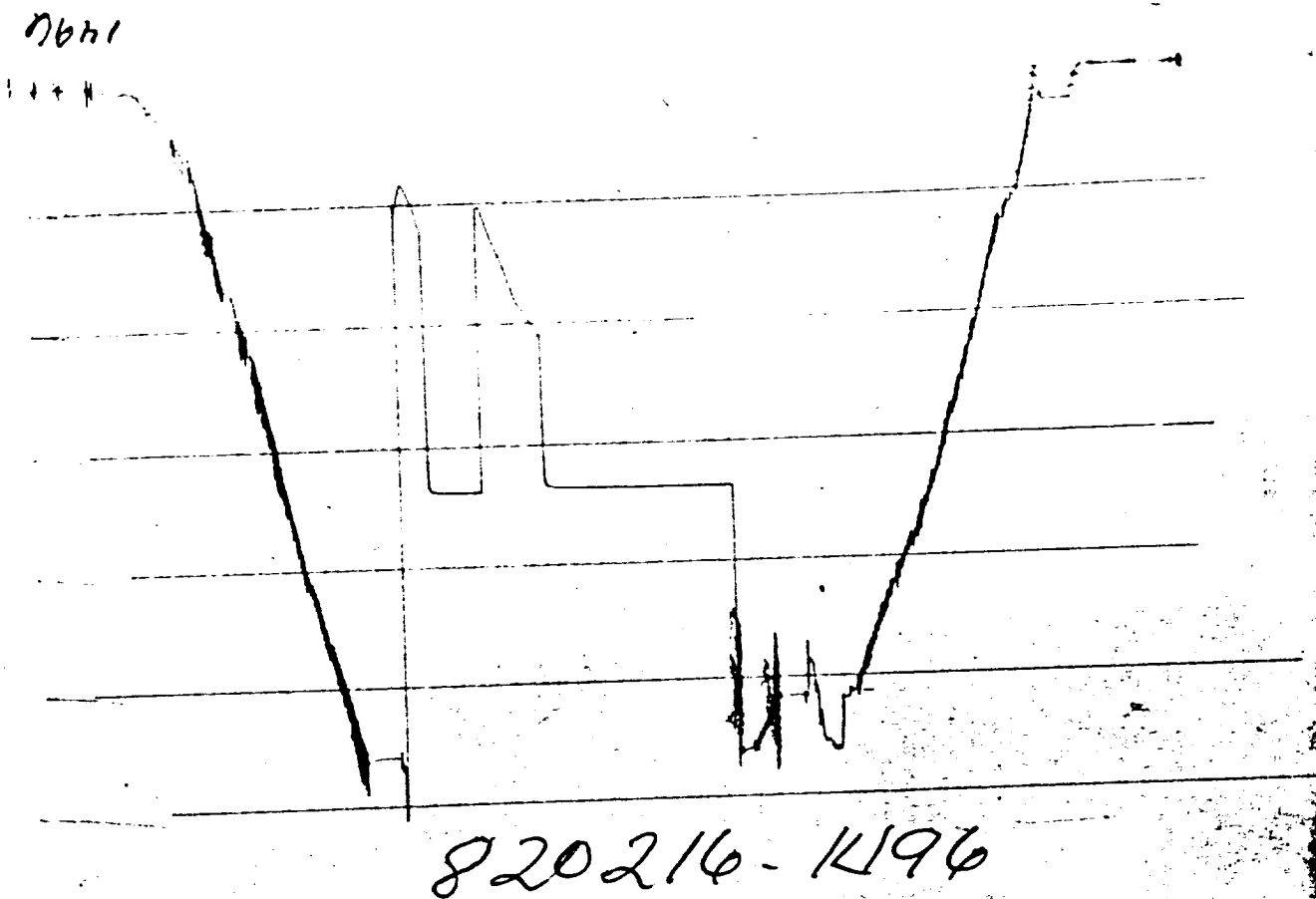
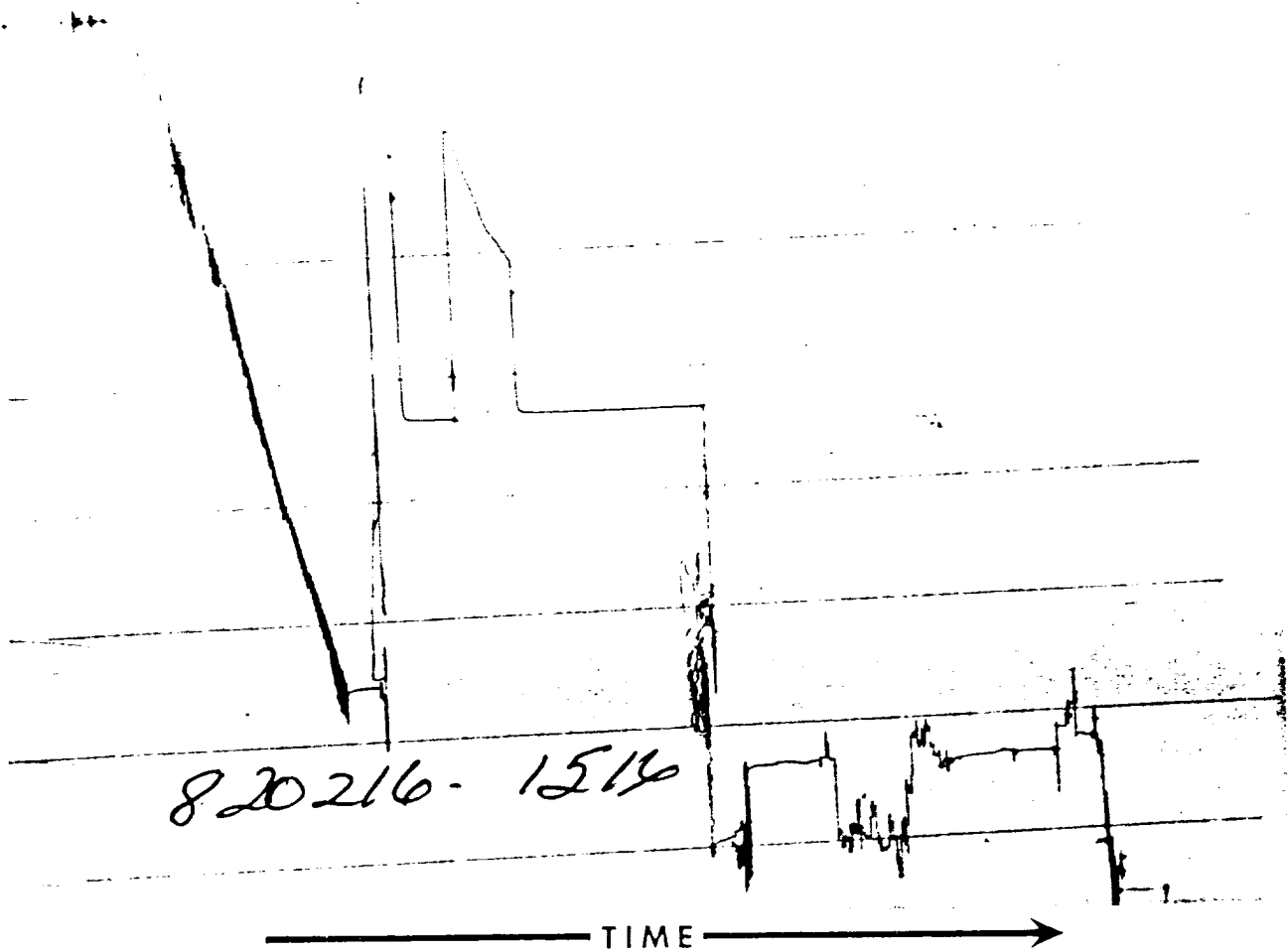
Gauge No.		1516		Depth		11366'		Clock No.		9581		24 hour		Ticket No.		820216	
First Flow Period			First Closed In Pressure			Second Flow Period			Second Closed In Pressure			Third Flow Period			Third Closed In Pressure		
Time Deft. .000"	PSIG Temp. Corr.		Time Deft. .000"	Log $t + \theta$	PSIG Temp. Corr.	Time Deft. .000"	PSIG Temp. Corr.		Time Deft. .000"	Log $t + \theta$	PSIG Temp. Corr.	Time Deft. .000"	PSIG Temp. Corr.		Time Deft. .000"	Log $t + \theta$	PSIG Temp. Corr.
0 .0000	591.2		.0000		1057.1	.0000	1024.1		.0000		2097.1						
1 .0158	538.4		.0033		2567.3	.0297**	1103.2		.0099		3309.7						
2 (.0200-M	538.4)		.0067		3250.0	.0628	1318.6		.0198		3325.2						
3 .0317	604.3		.0100		3311.9	.0958	1501.0		.0297		3331.8						
4 .0475	718.6		.0133		3327.4	.1289	1731.8		.0396		3336.2						
5 .0633	830.7		.0167		3334.0	.1619	1868.1		.0496		3336.2						
6 (.0790-C	947.2)		.0200		3340.7	.1710-PC	1905.4)		.0595		3338.4						
7 .0792	947.2		.0233		3342.9	.1950	1980.2		.0694		3338.4						
8 .0950	1057.1		.0267		3345.1	.2280	2097.1		.1949		3342.9						
9			.0300		3347.3				.3204		3347.3						
10			.0333		3349.5				.4460		3349.5						
11			.0667		3356.1				.5715		3351.7						
12			.1000		3358.4				.6970		3351.7						
13			.1333		3358.4												
14			.1667		3358.4												
15			.2000		3358.4												

Gauge No.		1496		11470'		Clock No.		11954		24		hour		Minutes	
0	.0000	1017.7	.0000		1243.9	.0000	1057.6	.0000		2125.8					
1	.0163	929.2	.0034		2514.3	.0296**	1152.9	.0100		3328.8					
2	.0200-M	924.7	.0067		3168.8	.0625	1359.2	.0199		3351.1					
3	.0327	858.4	.0101		3337.7	.0954	1538.8	.0299		3359.9					
4	.0490	924.7	.0134		3359.9	.1283	1756.0	.0398		3362.2					
5	.0653	1017.7	.0168		3366.6	.1612	1898.0	.0498		3364.4					
6	.0800-C	1099.7	.0201		3371.1	.1650-PC	1906.8	.0597		3366.6					
7	.0817	1144.1	.0235		3375.5	.1941	2008.8	.0697		3366.6					
8	.0980	1243.9	.0268		3377.7	.2270	2125.8	.1957		3373.3					
9			.0302		3382.2			.3218		3375.5					
10			.0335		3384.4			.4479		3377.7					
11			.0670		3391.1			.5739		3379.9					
12			.1005		3393.3			.7000		3379.9					
13			.1340		3393.3										
14			.1675		3393.3										
15			.2010		3395.5										
Reading Interval	5		*			10			***						

REMARKS: M= minimum flow pressure *First 10 intervals are equal to 1 minute each, last 5 intervals are equal to 10 minutes each. PC = possible choke change **First interval is equal to 9 minutes. *** First 7 intervals are equal to 3 minutes each, last 5 intervals are equal to 38 minutes each.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4.5"	3.826"	10766'	
Drill Collars	6.5"	2.25"	577'	
Handling Sub & Choke Assembly				
Dual CIP Valve				
Dual CIP Sampler				
Hydro-Spring Tester	5"	75"	5'	11345'
Multiple CIP Sampler	5"	75"	4'	
Extension Joint	5"	87"	15'	
AP Running Case	5"	3.25"	5'	11366'
Hydraulic Jar	5"	1"	3'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	7"	1.53"	6'	11382'
Distributor	5"	1.68"	2'	
Packer Assembly	7"	1.53"	6'	11390'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint	5.75"	1.50"	4'	
Side Wall Anchor				
Drill Collars	6.5"	2.25"	62'	
Flush Joint Anchor	5.75"	3.5"	10'	
Blanked-Off B.T. Running Case	5.75"	35"	5'	11470'
Total Depth				11474'

— PRESSURE —
↓



Each Horizontal Line Equal to 1000 p.s.i.

FIELD _____ COUNTY Lea OCC NUMBER _____
OPERATOR Blanks Energy, Inc. ADDRESS 600 Blanks Building, Midland, TX 79701
LEASE Pennzoil WELL NO. 2 SURVEY _____

RECORD OF INCLINATION

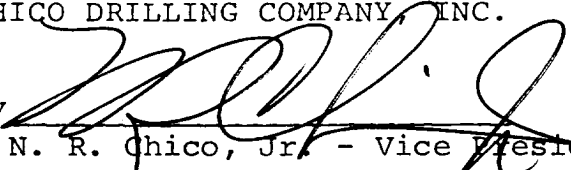
<u>MEASURED DEPTH (FEET)</u>	<u>COURSE LENGTH (HUNDREDS OF FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
392	392	.75
895	503	.75
1903	1008	.75
2154	251	.50
2642	488	.75
2990	348	1.25
3440	450	1.25
3634	194	1.25
4282	648	1.00
4773	491	1.00
5279	506	1.25
5790	511	1.50
6280	490	1.50
6681	401	1.50
7014	333	2.00
7068	54	.75
7329	261	.75
7744	415	1.00
8100	356	1.00
8451	351	1.00
8663	212	1.00

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

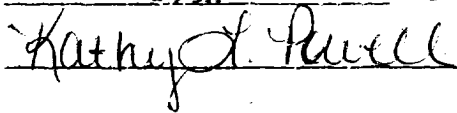
CHICO DRILLING COMPANY, INC.

By


N. R. Chico, Jr. - Vice President

Sworn and subscribed to before me the undersigned authority, on this the

28th day of August, 1980.

 Notary Public in and for Tarrant County, Texas.

FIELD _____ COUNTY _____ OCC NUMBER _____
OPERATOR _____ ADDRESS _____
LEASE _____ WELL NO. _____ SURVEY _____

RECORD OF INCLINATION

MEASURED DEPTH
(FEET)

COURSE LENGTH
(HUNDREDS OF FEET)

ANGLE OF
INCLINATION (DEGREES)

9171	508	1.25
9709	538	1.25
9917	208	1.00
10,399	482	1.00
10,942	543	1.25
11,530	588	.25