

30-045-09730

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~~cps 4w~~

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OIL CON. DIV.]
DIST. 3

If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Date 7-13-65

Well Name <u>Howell 3J</u>			CPS No. <u>4 W</u>		
Location <u>NE 11-30-8</u>			Work Order No. <u>52471-50-2</u>		
Anode Hole Depth <u>600'</u>	Total Drilling Rig Time <u>76 Hrs</u>	Type & Size Bit Used <u>6 1/2 3 1/4 X = 100</u> <u>10 1/2 Rock 8 2 1/4 X = 500</u>		No. Sacks Mud Used <u>9-50 lb Bags</u>	
No. Sacks Lost Circulation Mat'l Used	Anode Depth	<u>7 30.5</u>	<u>*8 25.299</u>	<u>*9 26.9</u>	<u>*10 26.3</u>
	# 1	<u>432</u>	# 2	<u>420</u>	# 3
			# 4	<u>408</u>	# 5
			# 6	<u>402</u>	# 7
				<u>311</u>	
Total Lbs. Coke Used	Anode Output (Volts)	<u>7-0.9</u>	<u>8-0.8</u>	<u>9-1.5</u>	<u>10-1.4</u>
	# 1	<u>2.0</u>	# 2	<u>2.8</u>	# 3
			# 4	<u>2.1</u>	# 5
			# 6	<u>2.8</u>	# 7
				<u>1.2</u>	
Total Circuit Resistance	No. Ft. Surface Cable Conduit				
Volts <u>11.3</u>	Amps <u>9.2</u>	Ohms <u>1.22</u>	<u>96' #8</u>		

Drilling Log (Attach Hereto). ☐

Remarks: NOTE - This Report G. B No. 2 only
Hole Caved or squeezed in after 3 Anodes were in place.
Went Back in Hole & washed out. Recovered 2
Anodes. Hole squeezed again at 432. left Bottom anode
at this Depth. 1 1/2" ANODES

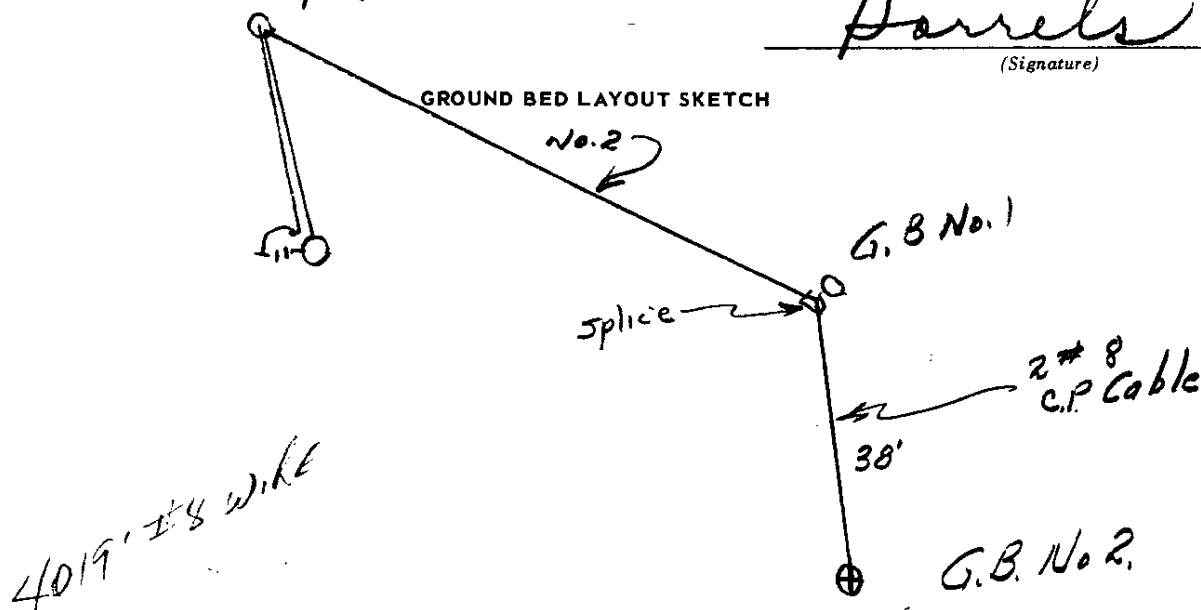
257-260-1" Plastic Hose - (Tied to Top Anode)

Rectifier

All Construction Completed

Parrells
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

Company Supervisor

Doc 3 of 3

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE 405 WELL NO. 405 CONTRACTOR L. E. Wilson RIG NO. D-6 REPORT NO. 7-7-8-9 DATE 7-7-8-9 1965

MORNING				DAYLIGHT				EVENING									
Driller		Total Men In Crew		Driller		Total Men In Crew		Driller		Total Men In Crew							
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.			
400	405	Sandy shale															
405	475	Sandy shale															
475	600	Sandstone															
BIT NO. <u>6431 X X</u>		NO. DC <u>508</u>		NO. DC <u>508</u>		NO. DC <u>508</u>		NO. DC <u>508</u>		NO. DC <u>508</u>		NO. DC <u>508</u>		NO. DC <u>508</u>			
SERIAL NO.		SIZE		SIZE		SIZE		SIZE		SIZE		SIZE		SIZE			
TYPE		STANDS		STANDS		STANDS		STANDS		STANDS		STANDS		STANDS			
TYPE		SINGLES		SINGLES		SINGLES		SINGLES		SINGLES		SINGLES		SINGLES			
TYPE		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY			
MAKE		TOTAL DEPTH		TOTAL DEPTH		TOTAL DEPTH		TOTAL DEPTH		TOTAL DEPTH		TOTAL DEPTH		TOTAL DEPTH			
MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED			
Time		Vis.		Time		Vis.		Time		Vis.		Time		Vis.			
FROM		TO		FROM		TO		FROM		TO		FROM		TO			
TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN			
400		405		400		405		400		405		400		405			
405		475		405		475		405		475		405		475			
475		600		475		600		475		600		475		600			
600				600				600				600					
REMARKS		REMARKS		REMARKS		REMARKS		REMARKS		REMARKS		REMARKS		REMARKS			
1-1-65 Left yard at 6:00 AM. arrived at Rig at 7:15 Drilled from 400 ft to 500 ft. Worked out hole. Left Rig at 5:00 PM.		2-8-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 500 ft to 600 ft. Left at 5:30 PM. Left Rig at 5:30 PM.		3-9-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 600 ft to 700 ft. Worked out hole. Left Rig at 5:00 PM.		4-10-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 700 ft to 800 ft. Worked out hole. Left Rig at 5:00 PM.		5-11-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 800 ft to 900 ft. Worked out hole. Left Rig at 5:00 PM.		6-12-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 900 ft to 1000 ft. Worked out hole. Left Rig at 5:00 PM.		7-13-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 1000 ft to 1100 ft. Worked out hole. Left Rig at 5:00 PM.		8-14-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 1100 ft to 1200 ft. Worked out hole. Left Rig at 5:00 PM.		9-15-65 Left yard at 6:00 AM. arrived at Rig 7:15 Drilled from 1200 ft to 1300 ft. Worked out hole. Left Rig at 5:00 PM.	

SIGNED: Toolpusher

Company Supervisor

D-6 7-013

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

MORNING										EVENING																								
LEASE <i>Howell</i>					WELL NO. <i>3-J</i>					CONTRACTOR <i>L. Williams</i>					RIG NO. <i>D-6</i>					REPORT NO.					DATE <i>7-1-2</i>					19 <i>62</i>				
Driller					Total Men In Crew					Driller					Total Men In Crew					Driller					Total Men In Crew									
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.										
0	400	<i>Sandstone</i>																																
NO. DC <i>82241XX</i>					NO. DC					NO. DC					NO. DC					NO. DC					NO. DC									
SIZE					SIZE					SIZE					SIZE					SIZE					SIZE									
TYPE					TYPE					TYPE					TYPE					TYPE					TYPE									
MAKE					MAKE					MAKE					MAKE					MAKE					MAKE									
MUD RECORD					MUD RECORD					MUD RECORD					MUD RECORD					MUD RECORD					MUD RECORD									
Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.									
TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN									
FROM	TO				FROM	TO				FROM	TO				FROM	TO				FROM	TO				FROM	TO								
REMARKS -					REMARKS -					REMARKS -					REMARKS -					REMARKS -					REMARKS -									
<i>7-1-65 left last loc at 11:00 AM. Unhooked out tubing to 210 ft left right 11:00 P.M.</i>					<i>7-2-65 left yard at 6:00 AM. Drilled at 7:15 AM. Moved and started new hole Drilled to 340 ft</i>					<i>left rig at 5:00 P.M.</i>					<i>7-6-65 left yard at 6:00 AM. Drilled at 7:15 Drilled from 340 ft to 400 ft.</i>					<i>left rig at 5:00 P.M.</i>														

SIGNED: Toolpusher _____ Company Supervisor _____

Doyle

Doyle