(Feb. 1951)						

## (SUBMIT IN TRIPLICATE)

UNITED STATES					
DEPARTMENT OF THE INTERIOR					
GEOLOGICAL SURVEY					

Land Office	Senta Fe
Lease No	078578-4
Unit	Howell

NOTICE OF INTENTION TO DRILL  NOTICE OF INTENTION TO CHANGE PLANS  NOTICE OF INTENTION TO CHANGE PLANS  NOTICE OF INTENTION TO TEST WATER SHIT-OFF  NOTICE OF INTENTION TO TEST WATER SHIT-OFF  SUBSEQUENT REPORT OF ADOUTING OR ACIDIZE  NOTICE OF INTENTION TO SHOOT OR ACIDIZE  NOTICE OF INTENTION TO ANABOON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  SEPTEMBER 21  (REAL PLANCE)  (REAL PL	SUNDRY	NOTICES	AND REPO	ORTS ON WE	ELLS		
NOTICE OF INTENTION TO CHANGE PLANS  NOTICE OF INTENTION TO TEST WATER SHUT-OFF  NOTICE OF INTENTION TO SHOOT OR ACIDIZE  NOTICE OF INTENTION TO SHADIZE  NOTICE OF INTENTION TO SHOOT OR ACIDIZE  NOTICE OF INTENTION TO SHOOT OR ACIDIZE  NOTICE OF INTENTION TO SHOOT OR ACIDIZ				DEPORT OF WATER SHIP OF	c:0 0		
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.  SUPPLIESTORY.  NOTICE OF INTENTION TO SHOOT OR REPAIR.  SUPPLIESTORY.  (Reader Proc. 1.1.  (Rept. Proc. 1.1.							
Subscount report of Abandonment Notice of Intention to Shoot or Acidize Notice of Intention to Pull or Alter Casing Notice of Intention to Pull or Alter Casing Notice of Intention to Abandon well  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  September 21  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  (Indicate Above by Check Mark Nature of Report, Notice, or Other Data)  (Indicate Above by Check Mark Nature of Report, Nature of Report							
September 21							
Well No. 3-K. is located 790 ft. from Niline and 1650 ft. from Niline Alberton 15 (Niline) (Nilin							
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  Beptember 21					W 1		
Well No. 3-K is located T90 ft. from Nine and 1650 ft. from E line of sec. 15.  WE Section 15  (Rec. and Sec. No.)  (Rec. No.)  (Rec. Man. P. M.  (Rec. Man. P. M.  (Rec. No.)  (Rec. Man. P. M.							
Well No. 3-K is located 790 ft. from   No. 1650 ft. from   E   line of sec. 15    NR Section 15   30-N   8-W   N.M.P.M.    (§ Sec. and Sec. No.)   (Range)   (Meridian)    Rew Mexico   (Range)   (Meridian)   (State or Territory)    The elevation of the derrick floor above sea level is 5844 ft.  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coment ing points, and all other important proposed work)  On 9-15-61 Total Depth 5210' C.O.T.D. 5171'.  Water free Point Lockout parf int 4958-4966; 4980-4988; 4995-5004;  W/\$1,800 gal water \$ 39,000 sand. BDP 3200 sand. BDP 3200 sate of 15 balls & 1 set of 20 balls.  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4554-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4555-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4555-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4555-4562;  Set Tang. B.P. & free Cliff Bouse parf int 4538-4546; 4555-4562;  Set Tang. B.	(INDICA	TE ABOVE BY CHECK MA	ARK NATURE OF REPORT,	NOTICE, OR OTHER DATA)	<i>~</i>		
NE Section 15  (4) See, and See. No.)  (Twp.)  (Rango)  (Meridian)  (State or Territory)  (State or Territory)  (State or Territory)  (Meridian)  (Mer			Septe	sber 21	, 19		
(Rec. and Sec. No.)  (Twp.) (Range) (Meridian)  (Rec. and Sec. No.)  (Rec. and Sec. and Sec. No.)  (Rec. and Sec.	Vell No. 3-K is locat	ted 790 ft. fr	om $\begin{bmatrix} N \\ \mathbf{x} \end{bmatrix}$ line and	1650 ft. from E	line of sec. 15		
Company  (Kage)  (Hange)  (State or Territory)  (St	ME Section 15		8-W				
County or Subdivision)  (State or Territory)  The elevation of the derrick floor above sea level is 58th ft.  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement ing points, and all other important proposed work)  On 9-15-61 Total Depth 5210' C.O.T.D. 5171'.  Water free Point Lockout parf int 4958-4966; 4980-4988; 4996-5004;  W/41,800 gal water & 30,000f sand. BDF 3200f, max pr 3900f, avg tr pr 3500f, IR 20.2 EM. Flush 3150 gal. Dropped 2 sets of 15 balls & 1 set of 20 balls.  Set Temp. B.P & free Cliff House parf int 4538-4546; 4554-4562;  W/26,700 gal water & 20,000f sand. BDF 3300f, max pr 3700f, avg tr pr  W/26,700 gal water & 20,000f sand. BDF 3300f, max pr 3700f, avg tr pr  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be companyed.  Company El Faso Matural Cas Company  Address  ORIGINAL SIGNED A.M. SMITH  Farmington, New Mexico.  By	(14 Sec. and Sec. No.)	(Twp.)	(Range)				
The elevation of the derrick floor above sea level is	Rienco Mess Verde						
Set Temp. B.P & free Cliff House perf int 4533-4546 45702 4726, 700 gal water & 20,000 sand. HDP 3300 , max pr 3700 , avg tr pr 3600 . IR 21 HPM. Flush 1260 gal. Dropped 1 set of 16 balls.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be compensated.  Company El Paso Natural Gas Company  Address Box 990  ORIGINAL SIGNED A.M. SMITH	Water free Point Lock w/41,800 gal water & pr 3500#, IR 20.2 BH	cout perf int 30,000# send M. Flush 3150	. HDP 3200#, 1 gal. Dropped	2 sets of 16 ba	8 —		
Address Box 990 ORIGINAL SIGNED A.M. SMITH By	Set Temp. B.P & frec w/26,700 gal water & 3600#. IR 21 BPM. Flu	ush 1260 gal.	Dropped 1 se	t of 16 balls.	RICE 1961		
Address Box 990 ORIGINAL SIGNED A.M. SMITH By	I understand that this plan of wo	rk must receive approv	al in writing by the Geo	logical Survey before operat	ins may be consenenced.		
Fermington, New Mexico By	Company El Paso Natur	al Gas Compar	<b>V</b>				
Fermington, New Mexico By	Address Box 990			ORIGINAL	SIGNED A.M. SMITH		
Title Petroleum Engineer	Farmington, 1	lev Mexico	<u>.</u> ]	_			
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