DIL CONSERVATION DIVISION P.O. Box 2008       Will AM NO. 30-015-26313         DITTOT       P.O. Box 2008       Will AM NO. 30-015-26313         DITTOT       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         DITTOT       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         DITTOT       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         DITTOT       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         DITTOT       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         DITTOT       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         DITTOT       Provide       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         DITTOT       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         Difference       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         Difference       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         Difference       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088         Difference       Satas P6, New Mexico 8750-2088       Satas P6, New Mexico 8750-2088	Submit 3 Copies	State of New M			
P.O. Box 2028       P.O. Box 2028       30-015-26313         TO DETRICT       Same Fe, New Mexico 97504-2028       31-015-26313         To Detrict       Same A Ferrer To Same A       K-3271         To Not USE APROPOSALS TO BALL ON TO DETRIC SAME A       K-3271         To Not To Same Ferrer To Same A       7-1248         To Not To Same A       James A         To Mark Comme       James A         To Mark Comme       James A         To Mark Comme       Same A         To Mark Comme       James A         To Mark Comme       James A         To Mark Comme       Same A <td< th=""><th>to Appropriate District Office</th><th></th><th>•</th><th colspan="2"></th></td<>	to Appropriate District Office		•		
1       Status (a)	P.O. Box 1980, Hobbs, NM 88240				
1000 Be Bining MA, Atter, NM 87410       DEC 18 '90       4 Sub COI & Got Laws Na. K-32711         (DO NOT USE THE SCHW CAR PROCOMES TO ALL OR TO DEPEND OF POD BACKINDA A DIFFERENT RESERVOR. USE 'APPLICATION FOR PERLEMENTED.       7. Jame Name of Use Agreement Name (POM COIL ON OTHER THE SCHWORD NOT PERLEMENTED.         1 Type of Walt:       000       000 Feb Finit Dispective Notion For PERLEMENTED.       7. Jame Name of Use Agreement Name (POM COIL ON OTHER THE SCHWORD NOT PERLEMENTED.         2 New of Openies:       001 Feb Fortoleum Company       9         1 Main Laws:       660       Fee Area The North       Line and 500         1 Main Laws:       660       Fee Area The North       Line and 500         1 Main Laws:       660       Fee Area The North       Line and 500         1 Main Laws:       660       Fee Area The North       Line and 500         1 Main Laws:       660       Fee Area The North       Line and 500         1 Main Laws:       660       Fee Area The North       Line and 500         1 Main Laws:       660       Fee Area The North       Line and 500         1 Main Laws:       1220' GR       SUBSEQUENT REPORT OF:         1 Mortice OF INTENTION TO:       SUBSEQUENT REPORT OF:         1 Main Releval, WORK       PLID AND ADANDON       REMEDAL WORK       A ITERING ACSING         1 Main Releval, WORK	P.O. Drawer DD, Arteela, NM \$8210	M \$8210 Santa Fe, New Mexico \$7504-2088		S. Indicate Type of Lesse	
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1       Type of Wei:       Type of Wei:       James A         Year ()       Year ()       L       Weil Na.         Phillips Petroleum Company ()       9       Nod mean or Wides         2001 Penbrook Street, Odessa, Texas 79762       Cabin Lake (Delaware)         4       Weil Losies       North       Lie and 500         1       Barge 30-E       North       East       Lie and 500         1       Bisedian Stave while BX RE RT. Gd. ex.)       2220' GR       Coaty         1       Bisedian Stave while BX RE RT. Gd. ex.)       2220' GR       Coaty         1       Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data       NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         EMPORARY ABANDON       CHANGE PLANE       COATHERCE DELING OFNS.       PLUG AND ABANDON INCHART CASING         CAMBER CASING       CHANGE PLANE       COATHERCE DELING OFNS.       PLUG AND ABANDON INCHART CASING         ULL OR ALTER CASING       CHANGE PLANE       COATHERCE DELING OFNS.       PLUG AND ABANDONNAENT INCHART CASING         12       Decrete Proposed or Compland Operations (Clearly and addition of the prime data including animal data of anima any proposed work SEE NLE BIOS.       Full AND CASING THE PLANE         12-1/2 bris.       Check Appropriate data in addition of the of anima data in addit of anima any proposed work	(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLOB BACK DO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMITRITES"A.				
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4001 Penbrook Street, Odessa, Texas 79762       Cabin Lake (Delaware)         4 Wal Lowig       A	2. Name of Operator			8. Well No. 9	
4 Well Lossien       A	•	, Odessa, Texas 79762	· · · · · · · · · · · · · · · · · · ·		
Section 2       Township 22-S       Range 30-E       NMPM       Eddy       Cousey         10       Die Develon (Show whether DP, RE, RT, CR, sc.)       3220' GR       Cousey         11       Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data       NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         ERFORM REMEDIAL WORK       PLUG AND ABANDON       REMEDIAL WORK       ALTERNING CASING       Cousey         CHANGE PLANS       COUSENCE OFLUNG OPNS.       PLUG AND ABANDON INC.       REMEDIAL WORK       ALTERNING CASING       Cousey         CLL OR ALTER CASING       CHANGE PLANS       COUSENCE DRILING OPNS.       PLUG AND ABANDONNENT       CASING TEST AND CEMENT JOB X         12 Decrite Proposed or Completed Operations (Clearly sets of perimers decis), including estimated date of matring any proposed word SEE BULE 1103.       Content of the perimers decis, including estimated date of matring any proposed word SEE BULE 1103.         12 Decrite Proposed or Completed Operations (Clearly sets of perimers decis), including estimated date of matring any proposed word SEE BULE 1103.       Contents of the perimers decisi, including estimated date of matring any proposed word SEE BULE 1103.         12 Decrite Proposed or Completed Operations (Clearly sets of perimers decis), including estimated date of matring any proposed word SEE BULE 1103.       Content of the perimers decision of the perimers dec	4. Well Location				
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I hereby certify that the information above is true and complete to the best of any knowledge and belief. MONATURE	7-19-90: RU to frac carrying 60,000 lbs 1	perforations 7439'-7 2/20 mesh Ottawa san	451' with 404. d.	8 bbls of polyemulsion	
SIGNATURE       M. M. Sanders         TTRE OR PRINT M. ME       L. M. Sanders         TREADHONE NO. 368-1488         (This space for Sume Use)       ORIGINAL SIGNED BY         MIKE WILLIAMS       DEC 2 8 1990	7-24-90: Cleaned out	from 6500' to 7483'	. Circulated	hole clean.	
(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR DISTRICT I	the M w			. & Prora. DATE 12/17/90	
MIKE WILLIAMS DEC 2 8 1990	TYPEOR MENTRICE L. M. Sand	ers		TELEPHONE NO. 368-1488	
ANNOVED BY SUPERVISOR, DISTRICT IT TITLE	MIKE WILL STIDERVIR	AMS		DEC 2 8 1990	

- 7-25-90: Set packer at 7390'. Swabbed perforations 7439'-7451'. Total swabbed in 8-1/2 hrs was 120 bbls.
- 7-26-90: Swabbed 95 bbls in 10 hrs.
- 7-30-90: Set RBP at 7400' and test. Spotted 2 sks of sand on RBP. Spotted 10 bbls of 10% acetic acid at 7360'. Preparing to perforate.
- 7-31-90: RU <u>Halliburton</u> to perforate with 4" OD casing gun loaded with deep penetrating DML charges at 2 JSPF and spiral phasing as follows:

7256'-7258' 2' 4 holes 7286'-7299' 13' 26 holes 7304'-7306' 7310'-7331' 7338'-7346' 2' 4 holes 21' 42 holes 8' 16 holes TOTAL 46' 92 holes

Swab.

- 8-01-90: RU <u>Charger</u> to acidize perforations from 7256'-7346' with 4600 gallons of 7-1/2% NEFe HCl acid containing fines suspension agents. clay stabilizers and LST agents. ISIP 1150#. Injection Rate 3.3-3.4 Injection Press. Avg. 1500#.
- 8-02-90: Swab 10 hrs.
- 8-03-90: RU <u>Acid Engineering</u> to fracture stimulate perforations 7256'-7356' with 34,000 gallons of polyemulsion carrying 120,000 lbs 12/20 mesh Ottawa sand. Treat at 15 BPM rate with maximum treating pressure of 4000 psi.
- 8-10-90: Swab 10 hrs.
- 8-13-90: Swabbed 10 hrs.
- 8-14-90: Ran bomb in hole set in middle of perfs (7301'). Drop from report for three days until bomb is retrieved.
- 8-17-90: COOH with bomb.
- 9-17-90: Installed BOP.
- 9-18-90: RU Hughes Services. Tested casing and BOP. Tested OK.

9-19-90: RU Halliburton Wireline Services. Perforated with 4" casing guns loaded with deep penetrating DML charges at 2 JSPF and spiral phasing as follows: 7111'-7118' 7' 14 holes 7128'-7145' 17' 34 holes 7151'-7162' 11' 22 holes Tested tubing to 5000# while going in hole. Swabbed.