1337

1625 N. Frend Hobbs, NM 80 <u>District II</u> - (5 811 S. First Artesia, NM 80 <u>District III</u> - (1 1000 Rio Braz Aztec, NM 87	8241-1980 605) 748-1283 38210 505) 334-6178 zos Road		New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131 OCT APPLICATION FOR NEW WELL STATUS								OCT 1	Date 06/99		
t. O	Operator an	d Well												
Operator na	ime & address		M		rgy Corp						OGRID NI	umber		
					. Box 96									
			Ar	tesia, N	IM 8821	1-0960						013837		
Contact Par	ty			Robe	rt C. Cha	se					Phone	(505)748-1288		
Property Na	me		Mohaw						Well Numb	er	API Numb			
UL S	ection Tov	nship 7S	Range 30E	Feet Fre		North/South I South	line	Feet	From The 330	East	West Line West	County Eddy, NM	1	
	Date/Time I	format	ion					-	550		TT USL			
Soud Date	26/99	Spud	Time 5:00 pn	n	Date Com 7/.	pleted	Poo	ł		Lo	co Hills Pa	uddock		
IV. 7 <u>V.</u>	3160-4 show Attach a list AFFIDAVIT: State of	ving we of all w New	ell was con	mpleted	as a prod	3160-5 show lucer. their percen				g comm	nenced and	Form C-105 or Federa	ai form	
.(	County of			)										
-	Robert (	. Cha	se, be	ing first	duly swor	n, upon oath	state	es:						
	1. lar 2. <b>To</b>	n the C the bes	perator, o st of my k	or autho nowledg	rized repr je, this ap	esentative of plication is c	omple	ete and	correct.	bove-re	eferenced w	ell.		
Signature	- Polos	<u> [. (</u>	1-		Title	e	Vice	Presic	lent	D	ate	8/16/99		
SUBSER My Com	HEED AND		N TO bef	ore me 1 -9-99	this <u>16th</u>	,	Augi ary Pi	ris	1999	2.0	l'ant			
FOR OIL	CONSERV	TION	DIVISION	USF O	NLY:		-				-			
VI. (	CERTIFICĂ	FION O	F APPRC	VAL: wed and	the above-	referenced we proval.	ell is de	esi <mark>g</mark> nat	ed a New W	/ell. By (	copy hereof,	the Division notifies the S	Secretary	
Signature				_	T	itle	_				T	Date		

## VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_

NOTICE: The operator must notify all working interest owners of this New Well certification.

DEPART IN TO OF THE INTERIOR         I	Form 3160-4 (Cataber 1990)		ITITE	) STA	9ESP	TORSEM	HAR	UPLICATE*			PROVED 1004-0137 ember 31,1991
WELL COMPLETION RECORPLETION REPORT AND LOC         I. PROMA, ALOTTEE OR TRIBE NATE           IN TYPE OF WELL:         WELL WILL WILL WILL WILL WILL WILL WILL			RTM_NT (	OF TH	HE IN	TERIOF	2	tion of	6. LEASE DES	GIGNA	TION AND SERIAL NO.
Image: Type GP Well.L         Other         Image: Comparison of the second seco	WELLCO						AN	D LOG*	6. IF INDIAN,	ALLO	TTEE OR TRIBE NAME
b. TYPE OF COMPLETION:         WELL         DVFL         DVF			045			-				EMEN	
Network         Well         Diff.         Diff. <t< td=""><td></td><td>WE</td><td>UL WELL</td><td></td><td></td><td>Other</td><td></td><td></td><td></td><td>EMEN</td><td>II NAME</td></t<>		WE	UL WELL			Other				EMEN	II NAME
NAME         Construction         Monomia	NEW M					Other					
Mack Energy Corporation         30-015-30630           P.O. Box 980, Artesia, NM 8211-0960         (505) 748-1288           LOCATION OF SELEPHONE NO.         10 FELE AND POOL, OR MIDGAT           LOCATION OF MELL (Report location clearly and in accordance with any State requirements)'         10 FELE AND POOL, OR MIDGAT           At top prof. Inserval reports basis         990 FSL 330 FWL         10 FELE AND POOL, OR MIDGAT           At top prof. Inserval reports basis         990 FSL 330 FWL         Sec 14 T17S R30E           Starts shupped         11 FERMIT NO.         DATE ISSUED         12 Sec 14 T17S R30E           Starts shupped         12 FULL REACHED         17 LATE COMPL. (Inserval reports data on the sec 10 MID RAME NO.         13 Sec 7 T. R. v. OR BLOCK AND SURVE NO.           Starts shupped         12 FULL REACHED         17 LATE COMPL. (Inserval reports data on the sec 10 MID RAME NO.         13 Sec 7 T. R. v. OR BLOCK AND SURVE NO.           Starts shupped         12 FULL REACHED         17 LATE COMPL. (Inserval reports data on the sec 10 MID RAME NO.         13 Sec 7 T17S											Federal #1
A Long Status  A Long Artasia, NM 82211-0960 (505) 748-1288 90 FSL 330 FWL 90 FSL 330 FWL Status 90 FSL 330 FWL A top and in accurate ways and in accurate ways state resummands)  A top and interval reported below 900 FSL 330 FWL 910 Factor FTM FOLLOR FTM FOLLOR FTM FOLLOR 900 FML A top and interval reported below 900 FSL 330 FWL 910 FACTOR FTM FOLLOR FTM FOLL							_				5 20020
L LOCATION OF WELL (Report location clearly and in accordance with any Site requiremental)* A tourtes 900 FSL 330 FWL At top prod. Interval reported below 900 FSL 330 FWL At top prod. Interval reported below 900 FSL 330 FWL 1* SEC. T. R. H. O. BLOCK AND SURVE 900 FSL 330 FWL 1* SEC. T. R. H. O. BLOCK AND SURVE 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. C. BLOCK AND SURVE AND 1* SEC. T. R. H. S. BLOCK AND SURVE AND 1* SEC. T. R. H. S. BLOCK AND SURVE AND 1* SEC. T. R. H. S. BLOCK AND SURVE AND 1* SEC. T. R. H. S. BLOCK AND SURVE AND 1* SEC. T. R. H. S. BLOCK AND SURVE AND 1* SEC. T. R. BLOCK AND SURVE AND 1* SEC. T. R. BLOCK					(5	605) 748-12	88				
At top prod. Interval reported below         990 FSL 330 FWL         OR AREA           At top prod. Interval reported below         990 FSL 330 FWL         Sec 14 T17S R30E           At total depth         990 FSL 330 FWL         Sec 14 T17S R30E           Its batt depth         990 FSL 330 FWL         Sec 14 T17S R30E           Its batt depth         17. Date EXAMPLE         Date Issued         12. Exampt Y GK           6/20/9193         18. ELEVATION OF TABLE VIEW (ready to prov)         18. ELEVATION OF, RAR, RT, GR, RT, CP, TT, ST, ELEV, CASING REDOUGLING INTERVAL (B), OP THIS COMPLICION - TOP, BOTTOM, NAME (MO AND TVD)*         21. INTERVAL (B), OP THIS COMPLICION - TOP, BOTTOM, NAME (MO AND TVD)*         22. WAS DIRECTIONAL SURVEY MADE           24. PRODUCING INTERVAL (B), OP THIS COMPLICION - TOP, BOTTOM, NAME (MO AND TVD)*         22. WAS DIRECTIONAL SURVEY MADE         22. WAS DIRECTIONAL SURVEY MADE           24. PRODUCING INTERVAL (B), OP THIS COMPLICION - TOP, BOTTOM, NAME (MO AND TVD)*         23. WAS DIRECTIONAL SURVEY MADE         27. WAS WELL CORED           25. WAS DIRECTION - TOP, BOTTOM INDI         ASSIG RECORD (Resport at strings as in two??)         27. WAS WELL CORED         27. WAS WELL CORED           26. TO P (MO)         SOLE         17. 1/2         5050sx         None           31. PERFORATION RECORD (Interval, taxs and number)         12. ACID, SHOT, PRACTURE, CEMENT BULEZE, ETC COMPLETION - TOP (MO)         SOLE         27. ////////////////////////	4. LOCATION OF W	ELL (Report local	tion clearly and ir	accordan	ce with an	y State require	ments)	•			
At lotal depth  990 FSL 330 FWL  Sec 14 T17S R30E  14. PERMIT NO. DATE ISSUED  12. County To &  NM  S. DATE SPUDDED  15. DATE CO.REACHED  17. DATE COMPL (Peerly to proce)  15. DATE SPUDDED  16. DATE SPUDDED  17. DATE COMPL (Peerly to proce)  15. LEVEX ADMING HEAD  36. 077  36. 071  37. 070  38. 071  37. 070  38. 071  38. 071  39. 071  30. 071	At surface				990 FSI	_ 330 FWL					OR BLOCK AND SURVEY
14. PERMIT NO.         DATE (SSUED         12. SQUINT OR Eddy         13. STATE Eddy           14. Soarte SPUDDED S/20/199         15. DATE (SUED)         12. SUET COMPL. (Rest/to proc.) 7/17/99         13. STATE Eddy         13. ELEVATIONS (DF, RKB, RT, CR, ETC/ 2019         19. ELEV. CASING FRED 3689 RKB         19. ELEV. CASING FRED 3677           15. TOTAL GEFTM, IN & TVD S000         12. IF BULTINE COMPL. 1000 MANY         13. INTERVALS 10. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         13. INTERVALS 10. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         12. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         12. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         12. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         12. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         12. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         12. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         12. INTERVALS (BOD THERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*         13. INTERVALS (MD ND	At top prod. inter	val reported beig	w		990 FSI	_ 330 FWL					
S. DATE SPUDDED         15. DATE CD.REACHED         17. DATE COMPL. (Resp. to proc)         18. ELEV.ATIONS IDF. REV. RT. CR. ETC.Y         18. ELEV. CASING VELO         3677           S0. TOTAL DEFN. IDA E TO         21. FRUCTREE COMPL.         22. FRUCTREAVLS         ROTARY TOOLS         CASILE TOOLS           S0. TOTAL DEFN. IDA E TO         21. FRUCTREE COMPL.         22. FRUCTREAVLS         ROTARY TOOLS         CASILE TOOLS           S0. TOTAL DEFN. IDA E TO         21. FRUCTREAVLS         21. FRUCTREAVLS         ROTARY TOOLS         CASILE TOOLS           S0. TOTAL DEFN. IDA E TO         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS           S0. TOTAL DEFN. IDA TO         5031         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS           S0. TOTAL DEFN. IDA TO         5031         21. FRUCTREAVLS         21.	At total depth				990 FSI	_ 330 FWL					17S R30E
S. DATE SPUDDED         15. DATE CD.REACHED         17. DATE COMPL. (Resp. to proc)         18. ELEV.ATIONS IDF. REV. RT. CR. ETC.Y         18. ELEV. CASING VELO         3677           S0. TOTAL DEFN. IDA E TO         21. FRUCTREE COMPL.         22. FRUCTREAVLS         ROTARY TOOLS         CASILE TOOLS           S0. TOTAL DEFN. IDA E TO         21. FRUCTREE COMPL.         22. FRUCTREAVLS         ROTARY TOOLS         CASILE TOOLS           S0. TOTAL DEFN. IDA E TO         21. FRUCTREAVLS         21. FRUCTREAVLS         ROTARY TOOLS         CASILE TOOLS           S0. TOTAL DEFN. IDA E TO         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS           S0. TOTAL DEFN. IDA TO         5031         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS         21. FRUCTREAVLS           S0. TOTAL DEFN. IDA TO         5031         21. FRUCTREAVLS         21.				14. PERM	IT NO.	1	DATE IS	SUED	12. COUNTY PARISH Edd	OR V	
6/20/99         7/7/99         7/23/99         3689 RKB         3677           6/20/99         7/7/99         7/23/99         3689 RKB         3677           50. TOTAL 5080         21. FLUD, BACK TD, MO & TVD         22. IF MULT, THE E COMPL., MOM MANY         23. INTERNALS         ROTARY TOOLS         CABLE TOOLS           50. TOTAL 5080         21. FLUD, BACK TD, MO & TYD         22. IF MULT, TOP, BOTTOM, NAME (MD AND TYD)*         23. INTERNALS         Yes         24. WAS DIRECTIONAL         24. WAS DIRECTIONAL         50. WAS DIRECTIO		16. DATE T.D. REACH	IED 17. DATE	COMPL. (Re	eady to prod.)	18. E	LEVATIO	NS (DF, RKB, RT,			EV. CASING HEAD
bit Total DEPTH, ND & TVD 5080     21: PLUG, BACK TD, ND & TVD 5080     22: FRUITHE COMPL. S081     23: INTERVAL     DRILLED Y     Yes     Yes       24: PRODUCING INTERVAL (5), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*     4534.5-4829, Paddock     Yes     25: WAS DIRECTIONAL SURVEY MADE       28: TYPE ELECTRIC AND OTHER LODS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray     27: WAS WELL CORED NO     27: WAS WELL CORED NO       28: TYPE ELECTRIC AND OTHER LODS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray     27: WAS WELL CORED NO       28: GASING RECORD FLOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW				-							3677
3000     3031     1 <t< td=""><td>20. TOTAL DEPTH, MD &amp;</td><td>TVD 21. PLU</td><td></td><td>TVD</td><td></td><td></td><td></td><td></td><td>1</td><td>ILS</td><td>CABLE TOOLS</td></t<>	20. TOTAL DEPTH, MD &	TVD 21. PLU		TVD					1	ILS	CABLE TOOLS
4534.5-4829, Paddock     Yes       27. WAS WELL CORED No       CASING BECORD (Report ell strings set in well)       CASING SIZEGRADE SIZEGRADE NO       CASING SIZEGRADE NO       13.3/8     48       CASING SIZEGRADE NO       NO       CASING SIZEGRADE NO       NO       CASING SIZEGRADE NO       NO       CASING SIZEGRADE NO       CASING SIZEGRADE NO       CASING SIZEGRADE NO       CASING SIZEGRADE NO       CASING SIZEGRADE NO       NO       SIZE       TO P (MD)       SIZE TO P (MD)       SIZE TO P (MD)       SIZE TO P (MD)       SIZE TO P (MD)       SIZE TO P (MD)       SIZE TO P (MD)       SIZE TO P (MD) <tr< td=""><td></td><td>RVAL (S), OF THIS</td><td></td><td>OP, BOTTO</td><td>DM, NAME (</td><td>MD AND TVD)</td><td></td><td></td><td>1</td><td>25.</td><td></td></tr<>		RVAL (S), OF THIS		OP, BOTTO	DM, NAME (	MD AND TVD)			1	25.	
25. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray       27. WAS WELL CORED NO         28. TYPE ELECTRIC AND OTHER LOGS RUN CASING SIZEIGRADE       CASING RECORD (Report all strings set (in well)       27. WAS WELL CORED NO         28. CASING RECORD (Report all strings set (in well)       CASING SIZEIGRADE       WEIGHT, LB,FT       DEPTH SET (MO)       HOLE SIZE       TOP OF CEMENT, GENERATING RECORD       AMOUNT PULLED         13. 3/8       48       308       17.112       S505x       None         8 5/8       24       1206       12.1/4       6505xx       None         23.       LINER RECORD       30.       TUBING RECORD       None         23.       LINER RECORD       30.       TUBING RECORD       PACKER SET (MD)         24.       LINER RECORD       SIZE       DEPTH SET (MD)       PACKER SET (MD)         23.       LINER RECORD (Interval, size and number)       SIZE       DEPTH NETERVAL (MD)       AMOUNT AND KING OF MATERIAL USED         31.       PERFORATION RECORD (Interval, size and number)       22. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC       DEPTH NETERVAL (MD)       AMOUNT AND KING OF MATERIAL USED         33.       DEPTH SET INDURATE       SIZE PRODUCTION       RECORD (Flowing gas all pumping- see and fige of pump)       ACID, SHOT, FRACTURE, CEMENT SCORD, SIZE PRODUCTION       SIZE SI			45	34.5-482	29. Pado	lock					
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray     NO       Record (Report et atminus Ready to well)       CASING RECORD (Report et atminus record)     ANOUNT PULLED       CASING RECORD (Report et atminus record)     ANOUNT PULLED       CASING RECORD (Report et atminus record)     ANOUNT PULLED       State in welly       CASING RECORD     ANOUNT PULLED       State in welly       State in welly       State in the record in the re	26 TYPE ELECTRIC	AND OTHER LOGS	DUN							27. W	
CASING SIZE/GRADE         WEICHT, LB/FT         DEPTH SET (MO)         HOLE SIZE         TOP OF CEMENT, CEMENTING RECORD         AMOUNT PULLED           13.3/8         48         308         17 1/2         550sx         None           8 5/8         24         1206         12 1/4         650sx         None           5 1/2         15.5         5044         7 7/8         1050sx         None           23.         LINER RECORD         30.         TUBING RECORD         None           size         T 0 P (MD)         BOTTOM (MD)         SACKS CEMENT         SCREEN (MD)         Size           31. PERFORATION RECORD (Interval, size and number)         22.         Acid, SHOT, FRACTURE, CEMENT SQUEEZE, ETC         DEPTH INTERVAL (MD)         AMOUNT AND KIND OF MATERIAL USED           4534.5-4829, 1/2, 78         22.         Acid, SHOT, FRACTURE, CEMENT SQUEEZE, ETC         DEPTH INTERVAL (MD)         AMOUNT AND KIND OF MATERIAL USED           33.         PRODUCTION         Barte FIRST PRODUCTION         SIZe         21/2 X 2/2 OR HBC HVR PAP BNC         MAUNT AND KIND OF MATERIAL USED           34.         PRODUCTION         PRODUCTION         MAUNT FULLED         OAS-MCF.         WATER-BBL         GAS-OLE, ANTO           8/12/1999         24         CALCULATED         016-BBL         0	20. 11. 2 222011.00	Gamma Ray	Neutron, De	ensity, L	ateralog	g, Spectral	Gam	ma Ray			No
CASHS SLEPARDE     Weight, ESPT     Dot must (mo)       13 3/8     48     308     17 1/2     550 sx     None       8 5/8     24     1206     12 1/4     650 sx     None       5 1/2     15.5     5044     7 7/8     1050 sx     None       28.     LINER RECORD     30.     TUBING RECORD     None       31.     PROPORTION RECORD (Interval, size and number)     SIZE     DEPTH SET (MO)     PACKER SET (MO)       31.     PERFORATION RECORD (Interval, size and number)     32.     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC       0EPTH INTERVAL (MO)     AMOUNT AND KINO OF MATERIAL USED     4534.5-4829     2500 gals 15% NE acid       4534.5-4829, 1/2, 78     32.     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC     DEPTH INTERVAL (MO)       34.     PRODUCTION     PRODUCTION METHOD (Flowing, gas dif, pumping - Ste and type of pumping     2500 gals 15% NE acid       35.     PRODUCTION     PRODUCTION METHOD (Flowing, gas dif, pumping - Ste and type of pumping     Producing       34.     PRODUCTION     PRODUCTION METHOD (Flowing, gas dif, pumping - Ste and type of pumping     Producing       34.     DATE OF TEST     HOURS TESTED     CHOKE SUZE     PRODUCTION       8/12/1999     24     CALCULATED     OLL-BBL, 24HOUR RATE     DAS-MCF, WATER-BBL, 24HOUR RATE     0LL GAS-MCF, WATER-B							_		CHENTING DECODO		
113.376       43       300       11 T/2       650sx       None         8 5/8       24       1206       12 1/2       650sx       None         5 1/2       15.5       5044       7 7/8       1050sx       None         23.       LINER RECORD       30.       TUBING RECORD       32.       DEPTH SET (MD)       PACKER SET (MD)         31. PERFORATION RECORD (Interval, size and number)       22.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         33.       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED       4534.5-4829       2500 gals 15% NE acid         4534.5-4829, 1/2, 78       12/2 X 2/2 OR HBC HVRP PAP BNC       Station of Material UseD       900 uction         33.       PRODUCTION       PRODUCTION METHOD (Flowing, gas and type of pump)       WELL STATUS (Producing of shuf-in)       Producing         34.       DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas and type of pump)       WELL STATUS (Producing of shuf-in)       Producing         33.       PRODUCTION       PRODUCTION METHOD (Flowing, gas and type of pump)       21/2 X 2 20 CR HBC HVR PAP BNC       Shuf-in)       Producing         34.       DATE FIRST PRODUCTION METHOD (Flowing, gas and type of pump)       21/2 X 2 20 CR HBC HVR PAP BNC       Shuf-in)							<u> </u>				
6 370       24       1200       778       1050sx       None         5 1/2       15.       5044       778       1050sx       None         23.       LINER RECORD       30.       TUBING RECORD       30.       TUBING RECORD         31.       PERFORATION RECORD (Interval, size and number)       SACKS CEMENT       SCREEN (MD)       SIZE       DEPTH SET (MD)       PACKER SET (MD)         31.       PERFORATION RECORD (Interval, size and number)       32.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC         33.       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED       4534.5-4829       2500 gals 15% NE acid         4534.5-4829, 1/2, 78       32.       PRODUCTION       AMOUNT AND KIND OF MATERIAL USED       4534.5-4829       32,000 gals 20% NE acid         33.       PRODUCTION       PRODUCTION METHOD (Flowing, gas ##, pumping - size and type of pump)       WATER - BBL       GAS-OIL RATIO         8/17/1999       24       CALCULATED       21/2 x 20 RHBC HVR PAP BNC       WATER - BBL       GAS-OIL RATIO         8/12/1999       24       CALCULATED       0IL-BBL.       GAS-MOF.       WATER - BBL       GAS-OIL RATIO         8/12/1999       24       CALCULATED       0IL-BBL.       GAS-MOF.       WATER - BBL       GAS-OIL RATIO											
29. LINER RECORD 30. TUBING RECORD 31. PERFORATION RECORD (Interval, size and number) 31. PERFORATION RECORD (Interval, size and number) 31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL (MO) AMOUNT AND KIND OF MATERIAL USED 4534.5-4829 2500 gals 15% NE acid 4534.5-4829 2500 gals 15% NE acid 4534.5-4829 2500 gals 20% NE acid 4534.5-4829 32,000 gals 20% NE acid 4534.5-4829 32,000 gals 20% NE acid 4534.5-4829 122 X 2 20 RHBC HVR PAP BNC 8/7/1999 24 CHOKE SIZE PRODUCTION 8/12/1999 24 CHOKE SIZE PRODUCTION 8/12/1999 24 CALCULATED FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24HOUR RATE 105 121 435 01. GRAVIT-API (CORR) 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined to 2 Marking Calculation 36. I hereby certify that the foregoing and attached information is complete and correct as determined to 2 Marking CALCULATED 36. I hereby certify that the foregoing and attached information is complete and correct as determined to 2 Marking CALCULATED 36. I hereby certify that the foregoing and attached information is complete and correct as determined to 2 Marking CALCULATED 36. I hereby certify that the foregoing and attached information is complete and correct as determined to 2 Marking CALCULATED 36. I hereby certify that the foregoing and attached information is complete and correct as determined to 2 Marking CALCULATED 36. I hereby certify that the foregoing and attached information is complete and correct as determined to 2 Marking CEMENT *(See Instructions and spaces for Additional Data on Reverse State CE AREA *(See Instructions and spaces for Additional Data on Reverse State CE AREA								105	0sx		None
23.       LINER RECORD       SACKS CEMENT       SCREEN (MD)       SIZE       DEPTH SET (MD)       PACKER SET (MD)         31. PERFORATION RECORD (Interval, size and number)       32.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC         33.       DEPTH INTERVAL (MD)       AMOUNT AND KINO OF MATERIAL USED         4534.5-4829, 1/2, 78       4534.5-4829       32,000 gals 15% NE acid         33.       PRODUCTION       AMOUNT AND KINO OF MATERIAL USED         2 1/2 x 2 20 RHBC HVR PAP BNC       Shuf-in Mount and Kino of MATERIAL USED         34.       PRODUCTION METHOD (Flowing, gas lift, pumping - Size and type of pump)       21/2 x 2 20 RHBC HVR PAP BNC         8/12/1999       24       CHOKE SIZE       PROPNFOR TEST PRODUCTION       OIL-BBL.         8/12/1999       24       CALCULATED       105       121       435         8/12/1999       24       OIL-BBL.       GAS-MCF.       WATER-BBL.       GAS-OIL RATIO         8/12/1999       24       OIL-BBL.       GAS-MCF.       WATER-BBL.       GAS-OIL RATIO         8/12/1999       24       OIL-BBL.       GAS-MCF.       WATER-BBL.       GAS-OIL RATIO         8/12/1999       24       OIL-BBL.       105       121       435       38         34. DISPOSITION OF GAS (Sold, used for fuel, vented, efc.)										_	
Size     I O P (M)     BUITON (MU)     SACKS CENERT     SUCLEAR (MO)     2 7/8     4842       31. PERFORATION RECORD (Interval, size and number)     32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC       DEPTH INTERVAL (MD)     AMOUNT AND KIND OF MATERIAL USED       4534.5-4829, 1/2, 78       33.     PRODUCTION       4534.5-4829, 1/2, 78       34.     PRODUCTION       BR/7/1999     PRODUCTION METHOD (Forming, gas lift, pumping - size and type of pump)       2 1/2 X 2 20     RHBC HVR PAP BNC       SILE     PRODUCTION       8/7/1999     24       CHOKE SUZE     PROPIN FOR TEST PERIOD       105     121       435     1152       PLOW, TUBING PRESS.     CASING PRESSURE       24.HOUR RATE     0IL-BBL.       105     121       435     1152       33.     ALIGN PRESSURE       24.HOUR RATE     0IL-BBL.       105     121       435     38       34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       35. LIST OF ATTACHMENTS       36. I hereby certify that the foregoing and attached information is complete and correct as determining of attached information is complete and correct as determining of attached information is complete and correct as determining of attached information is complete and correct as determining of attached information is complete and correct a	29.		LINER RECOR	D							1
31. PERFORATION RECORD (Interval, size and number)         32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC         DEPTH INTERVAL (MD)         AMOUNT AND KIND OF MATERIAL USED         4534.5-4829         4534.5-4829, 1/2, 78         33.         PRODUCTION         ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC         DEPTH INTERVAL (MD)         AMOUNT AND KIND OF MATERIAL USED         4534.5-4829         2500 gals 15% NE acid         4534.5-4829         ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC         DATE OF INST MODUCTION METHOD (FloWing, gas III, pumping - Ste and Type of pump)         XEX PRODUCTION         PRODUCTION         PRODUCTION METHOD (FloWing, gas III, pumping - Ste and Type of pump)         XEX PRODUCTION         81/7/1999         ACID, SAMOT, FRACTURE, CEMENT SQUEEZE         PRODUCTION         ACID, SAMOT, FRACTURE, CEMENT SQUEEZE, ETC         MOURTION METHOD (FloWing, gas III, pumping - Ste and Type of pump)         VELL STATUS (Producing or Shufwin)         SAMOT, FRACTURE, CALCULATED <td>SIZE</td> <td>TOP(MD)</td> <td>BOTTOM (MD)</td> <td>SACKS</td> <td>CEMENT</td> <td>SCREEN (MI</td> <td><u>n</u></td> <td></td> <td></td> <td>ND)</td> <td>PACKER SET (MD)</td>	SIZE	TOP(MD)	BOTTOM (MD)	SACKS	CEMENT	SCREEN (MI	<u>n</u>			ND)	PACKER SET (MD)
DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         AMOUNT AND KIND OF MATERIAL USED         4534.5-4829       2500 gals 15% NE acid         4534.5-4829       32,000 gals 20% NE acid         Attach         Attach         PRODUCTION         PRODUCTION METHOD (Flowing, ges lift, pumping - size and type of pump)         WELL STATUS (Producing or shuffin)         PRODUCTION METHOD (Flowing, ges lift, pumping - size and type of pump)         WELL STATUS (Producing or shuffin)         PRODUCTION METHOD (Flowing, ges lift, pumping - size and type of pump)         WELL STATUS (Producing or shuffin)         PRODUCTION METHOD (Flowing, ges lift, pumping - size and type of pump)         WELL STATUS (Producing or shuffin)         PRODUCTION NOT GAS (Sold, used for Kee size         PROPUS         OIL-BBL.         GAS-MCF.         WATER-BBL.         OIL-BBL.         SIGNED Colspan="2">OIL-BBL.         OIL-BBL.         OIL-BBL.         SIGNED Colspan         SIGNED Colspan="2								2 110	4042		
DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         AMOUNT AND KIND OF MATERIAL USED         4534.5-4829       2500 gais 15% NE acid         4534.5-4829       32,000 gais 20% NE acid         Atsat.5-4829       32,000 gais 20% NE acid         Atsat.5-4829       32,000 gais 20% NE acid         DATE FIRST PRODUCTION         BRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)       Well STATUS (Producing or shut-in)         SIGNED CHOKE SIZE       PRODUCTION FOR TOT PRODUCTION FOR TOT PRODUCTION FOR TOT PRODUCTION         BIL 20 CALCULATED       OIL-BBL.       GAS-MCF.       WATER-BBL       GAS-OIL RATIO         8/12/1999       24       CALCULATED       OIL-BBL.       GAS-MCF.       WATER-BBL       GAS-OIL RATIO         8/12/1999       24       OIL-BBL.       GAS-MCF.       WATER-BBL       GAS-OIL RATIO         ALT ON DATE MOUNT AND KIND OF GAS (Sold, used for fuel, vented, etc.)       Sold       DETER W. Career BBL.         35. LIST OF ATTACHMENTS       <	31. PERFORATION P	RECORD (Interval,	size and number)		_	32.	ACI	, SHOT, FRA	CTURE, CEMEN	TSQ	UEEZE, ETC
Total state of a series						DEPTH INT	ERVAL	(MD) A		_	
4534.5-4829, 1/2, 78         33. PRODUCTION         DATE FIRST PRODUCTION         PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)         2 1/2 X 2 20 RHBC HVR PAP BNC         MetLe STATUS (Producing or shut-in)         PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)         2 1/2 X 2 20 RHBC HVR PAP BNC         Mater BBL         BACK in)         PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)         DATE OF TEST         BION         Mater BBL         BION         BION         BION         BIC         Mater BBL         BION         BION         BION         BION         A CALCULATED         OIL-BBL         GAS-MCF.         WATER - BBL         GAS-MCF.         WATER - BBL         OIL -BBL         GAS-MCF.         WATER - BBL <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td></t<>										_	
33. PRODUCTION DATE FIRST PRODUCTION BY7/1999 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 20 RHBC HVR PAP BNC 2 1/2 x 2 20 RHBC HVR PAP BNC DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL-BBL. 8/12/1999 24 CALCULATED 24-HOUR RATE 105 121 435 0IL GRAVITY - API (CORR.) 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determinities of atl available focords SIGNED *(See Instructions and spaces for Additional Data on Reverse Street CE AREA *(See Instructions and spaces for Additional Data on Reverse Street CE AREA CHOR RECOMPLIANCE AND MANACEMENT						4534	.5-48	29	32,000 gai	s 20'	% NE acio
Jate FIRST PRODUCTION 8/7/1999       PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 20 RHBC HVR PAP BNC       Well Status (Producing or shut-in)         DATE OF TEST       HOURS TESTED       CHOKE SIZE       PROD'N FOR TEST PERIOD       OIL-BBL.       GAS-MCF.       WATER-BBL       GAS- OIL RATIO         8/12/1999       24       CALCULATED 24-HOUR RATE       OIL-BBL.       GAS-MCF.       WATER-BBL       GAS-OIL RATIO         9       CASING PRESSURE       CALCULATED 24-HOUR RATE       OIL-BBL.       GAS-MCF.       WATER - BBL.       OIL GRAVITY - API (CORR.)         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       Sold       PETER W. CHESTER       OIL GRAVITY - API (CORR.)         35. LIST OF ATTACHMENTS       Sold       PETER W. CHESTER       OIL GRAVITY - API (CORR.)         36. I hereby certify that the foregoing and attached information is complete and correct as determining of an available forcords       If and the foregoing and attached information is complete and correct as determining of an available forcords         36. I hereby certify that the foregoing and attached information is complete and correct as determining of an available forcords       If and the foregoing and attached information is complete and correct as determining of an available forcords         36. I hereby certify that the foregoing and attached information is complete and correct as determining of an available forcords       If and and and attached information is complete and correct		4534.5-48	329, 1/2, 78								
Date FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pumping)       shut-in)       Producing         8/7/1999       2 1/2 x 20       RHBC HVR PAP BNC       shut-in)       Producing         DATE OF TEST       HOURS TESTED       CHOKE SIZE       PRODUCTION NOT GAS.       OIL-BBL.       GAS-MCF.       WATER-BBL.       GAS-OIL RATIO         8/12/1999       24       CALCULATED       OIL-BBL.       GAS-MCF.       WATER - BBL.       OIL GRAVITY - API (CORR.)         8/10/1999       24       OIL-BBL.       GAS-MCF.       WATER - BBL.       OIL GRAVITY - API (CORR.)         8/10/1999       24       OIL -BBL.       GAS-MCF.       WATER - BBL.       OIL GRAVITY - API (CORR.)         8/10/1999       24       OIL -BBL.       GAS-MCF.       WATER - BBL.       OIL GRAVITY - API (CORR.)         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       Sold       PETER W. CHESTER       OIL GRAVITY - API (CORR.)         35. LIST OF ATTACHMENTS       Sold       PETER W. CHESTER       OATE       8/16/1999         36. I hereby certify that the foregoing and attached information is complete and correct as determined of gravaliable records       ISO       ISO       ISO         SIGNED       MATA       CATA       TITLE       Producfior Manalyst       DATE	33.				PRO	DUCTION					
DATE OF TEST       HOURS TESTED       CHOKE SIZE       PROD'N FOR TEST PERIOD       OIL-BBL.       GAS-MCF.       WATER-BBL       GAS-OIL RATIO         8/12/1999       24       24       105       105       121       435       1152         FLOW. TUBING PRESS.       CASING PRESSURE       CALCULATED 24-HOUR RATE       0IL-BBL.       GAS-MCF.       WATER - BBL.       0IL GRAVITY - API (CORR.)         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       Sold       PETER W. CORRECORD       0IL ST ER         35. LIST OF ATTACHMENTS       Sold       PETER W. CHESTER       0IL GRAVITY - API (CORR.)         36. I hereby certify that the foregoing and attached information is complete and correct as determined of grievely by available records       If the foregoing and attached information is complete and correct as determined of grievely by available records         SIGNED       User       ITTLE       Production Analyst       DATE       8/16/1999         *(See Instructions and spaces for Additional Data on Reverse State CE AREA       AREA       CAMERA       Additional Data on Reverse State CE AREA			ODUCTION METHOD	(Flowing, gas 2 1/2	s lift, pumping x 2 20 F	- size and type of RHBC HVR	pump) PAP	BNC			
8/12/1999       24       105       121       435       1152         FLOW, TUBING PRESS.       CASING PRESSURE       CALCULATED 24-HOUR RATE       0IL-BBL.       GAS-MCF.       WATER - BBL.       OIL GRAVITY - API (CORR.)         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       105       121       435       38         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       Sold       PETER W. CHESTER       38         35. LIST OF ATTACHMENTS       Sold       PETER W. CHESTER       010       121       105       121         36. I hereby certify that the foregoing and attached information is complete and correct as determined for git available fecords       1259       1259       1259         36. I hereby certify that the foregoing and attached information is complete and correct as determined for git available fecords       1259       1259       1259         SIGNED       Catt       TITLE       Production damalyst       DATE       8/16/1999         *(See Instructions and spaces for Additional Data on Reverse State CE AREA       *(See AREA       1259       1259			CHOKE SIZE	PRO	D'N FOR				WATER-BBL	-	GAS-OIL RATIO
FLOW. TUBING PRESS.       CASING PRESSURE       24-HOUR RATE       105       121       435       38         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       Sold       PETER W. CHESTER       38         35. LIST OF ATTACHMENTS       Sold       PETER W. CHESTER       CASING PRESSURE       816/1999         36. I hereby certify that the foregoing and attached information is complete and correct as determining of all available fecords       137.9       137.9         36. I hereby certify that the foregoing and attached information is complete and correct as determining of all available fecords       137.9         36. I hereby certify that the foregoing and attached information is complete and correct as determining of all available fecords       137.9         SIGNED       Maximum (Marked Emertified Analyst)       DATE         8/16/1999       *(See Instructions and spaces for Additional Data on Reverse States CE AREA	8/12/1999	24		TEST		105		121	435		1152
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined for g all available records SIGNED	FLOW, TUBING PRES	S. CASING PRESS				GAS-			435		
35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined role at available records SIGNED	34. DISPOSITION C	F GAS (Sold, used	I for fuel, vented, e	Ic.)		Sold		PETER	PTED FOR RECON	_	
36. I hereby certify that the foregoing and attached information is complete and correct as determined rog at available records SIGNED	35. LIST OF ATTAC	HMENTS					1	Vele	THEST	ER	-
SIGNED Signed DATE TITLE Production Analyst DATE /8/16/1999 DATE /8/16/1999 ROSWELL RESOLUTION ANA GEMENT *(See Instructions and spaces for Additional Data on Reverse Side CE AREA						alata and area	j.	Aller	W. Che	Ž.	
*(See Instructions and spaces for Additional Data on Reverse Side CE AREA	36. I hereby certif	y that the foregoi	ing and attached	-		Prod	udfildi	Analyst	e 3 1359		T
*(See Instructions and spaces for Additional Data on Reverse Side CE AREA		uspa +	lale						VD N		
the second second second the second the second second willfully to make to any department or agency of the		*(Se	e Instruction	s and sp				on Reverse	SIGERCE AREA		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of th United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

recoveries):	ТОР	BOTTOM	DESCRIPTION, CONTENTS, ETC.		т	)P
oco Hills Paddock	4496	4876		NAME	MEAS.DEPTH	TRUE VERT.DEPT
		10/0		Queen	2522	
				San Andres	2965	
				Glorietta	4425	
						in the second seco
						1
N.M.	BUR					
IL N	Alle					
.M.	e Providence					
Contraction of the second seco	BUREAU ST	/				
NEV	30AUS					

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Form 3160-5 (June 1990)	DEPARTMENT	OPERATOR'S C	
	BUREAU OF LA	AND MANAGEMENT	5. Lease Designation and Serial No. LC-055259
	SUNDRY NOTICES A	ND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
		or to deepen or reentry to a different reservoir PERMIT—" for such proposals	
	SUBMIT I	N TRIPLICATE	7. If Unit or CA, Agreement Designatio
I Type of Well			8. Well Name and No.
2. Name of Operator	Other		Mohawk Federal #1
	Mack Ene	ergy Corporation	9. API Well No.
3. Address and Telephone			30-015-30630
		rtesia, NM 88211-0960 (505)748-1288	10, Field and Pool, or Exploratory Area
4. Location of Well (Foc	stage, Sec., T. R., M. or Survey Desc	ription)	Loco Hills Paddock
	Sec-14,T17S-R30E	5 990 FSL & 330 FWL	TT. County of Parish, State
			Eddy, NM
		) TO INDICATE NATURE OF NOTICE, REP	
	F SUBMISSION	TYPE OF ACTIO	
Notice	e of Intent	Abandonment	Change of Plans
			New Construction
Subse	quent Report	Plugging Back	Non-Routine Fracturing
-		Casing Repair	Water Shut-Off
Final	Abandonment Notice	Altering Casing	Conversion to Injection
		Other Surface Cashig	(Note: Report results of multiple completion on
		pertinent details, and give pertinent dates, including estimated date of star I depths for all markers and zones pertinent to this work )*	Completion or Recompletion Report and Log f rting any proposed work. If well is directionally o
Mack Energy Cor	poration is drilling the Moha	wk Federal #1 and has encountered a problem with s	etting surface casing @ 450'. Whil
drilling the 17 1/2	" hole, lost circulation at 183	', partial returns back at 260' to 455' at TD. Ran 13	3/8" casing to 308' and could not ge
casing to go any d	eeper. Called David Glass w	ith the BLM in Roswell and obtained a verbal to set	the 13 3/8" casing at 308'.
0 0 ,			
	7 1/2" hole @ 5:00PM. Lost	circ @ 183'.	
6/26/1999 Spud 1 6/27/1999 TD 17	1/2" hole @ 453'. RIH w/ 7	joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 3	
6/26/1999 Spud 1 6/27/1999 TD 17	1/2" hole @ 453'. RIH w/ 7	joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 3 No circ ready mix w/10 yds. Plug down @ 1:30 PM	
6/26/1999 Spud 1 6/27/1999 TD 17	1/2" hole @ 453'. RIH w/ 7	joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 3 No circ ready mix w/10 yds. Plug down @ 1:30 PM	EPTED FOR RECORD
6/26/1999 Spud 1 6/27/1999 TD 17	1/2" hole @ 453'. RIH w/ 7	joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 3 No circ ready mix w/10 yds. Plug down @ 1:30 PM	EPTED FOR RECORD
6/26/1999 Spud I 6/27/1999 TD 17 @ 308' & RU BJ (	1/2" hole @ 453'. RIH w/ 7	joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 3 No circ ready mix w/10 yds. Plug down @ 1:30 PM	EPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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1	3	:	4	8	:	4	2			8	1	0	5	1	9	9	

PROPERTY	DOI	MO/YR	PROPERTY NAME		INTEREST	LAST
			OWNER SQ OWNER NAME	INTEREST	TYPE	CHANGE
001342 001	J 1	01/98	MOHAWK FEDERAL 1			
			006172 OO THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	6/24/99
			999101 00 CHASE OIL CORPORATION	.60937500	1 WOR	6/24/99
			999104 OO RICHARD L. CHASE	.02812500	1 WOR	6/24/99
			999105 00 GERENE DIANNE CHASE CROUCH	.01875000	1 WOR	6/24/99
			999106 OO ROBERT C. CHASE	.04687500	1 WOR	6/24/99
			999107 OO MACK C. CHASE TRUST	.23437500	1 WOR	6/24/99
			TOTAL INTEREST	1.00000000		

District   - (505) 393-6161 1625 N. French Dr Hobbs, NM 88241-1980 District    - (505) 748-1283 811 S. First Artesia, NM 88210 District     - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV - (505) 827-7131	1625 N. French Dr         Hobbs, NM 88241-1980         District III - (505) 748-1283         811 S. First         Artesia, NM 88210         District III - (505) 334-6178         1000 Rio Brazos Road         Aztec, NM 87410    Energy Minerals and Natural Resources Department  Coll Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131							
		APPLICATION FO	R NEW WELL STAT	rus				
I. Operator and	Well							
Operator name & address	Mack En	ergy Corporation			OGRID Nu	mber		
	P.C Artesia, 1							
Contact Party	Phone	013837						
		(505)748-1288						
Property Name	Mohawk Fede		Well N	1	API Numbe	30-015-30630		
UL Section Town M 14 1	ship Range Feet Fr 7S 30E	om The North/South 990 South	Line Feet From The 1 330	East/We	est Line Vest	County Eddy, NM		
II. Date/Time Inf	formation Spud Time	Date Completed	Pool					
Spud Date 6/26/99	5:00 pm	Date Completed 7/23/99			Hills Pa			
3160-4 showi	of Form C-103 or Fec ing well was completed f all working interest or	l as a producer.		illing commer	nced and	Form C-105 or Federal Form		
County of Robert C	, being ins	ss. duly sworn, upon oath						
1. l.am 2. Jott	the Operator, or authors he best of my knowled	prized representative or ge, this application is o	f the Operator, of the operator, ope	ne above-refe ct.	renced w	ell.		
Signature	11ca	Title	Vice President	Dat	ie	8/16/99		
SUBSCRIBED AND S	WORN TO before me		August 1999	<u>&gt; (</u>	ant			
FOR OIL CONSERVA	TION DIVISION USE O	NLY:						
VI. CERTIFICAT This Applicatio	ION OF APPROVAL:	I the above-referenced w	ell is designated a Ne	ew Well. By co	py hereof,	the Division notifies the Secretary		
Signature		Title				Date		

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

NOTICE: The operator must notify all working interest owners of this New Well certification.

Form 3160-4 (Cataber 1990)		r	TED	STA	ESAT	COR SBM	HRE		TE" ther In-			PROVED 1004-0137 mber 31,1991
	DEP	ARTI		FTHE	= INI	ERIOR	ł		ion on e side)			ION AND SERIAL NO. 55259
							AN		-	6. IF INDIAN,	ALLOT	TEE OR TRIBE NAME
WELL CO		ON OF		APLEI								
a. TYPE OF WEL		WELL	GAS WELL		IY 🗌 o	ther		·		7. UNIT AGRE	EMENT	
NEW N		DEEPEN	BACK	DIFF.		ther						SE NAME, WELL NO
NAME OF OPERAT										MON:		Federal #1
Mack Energy (	Corporatio	n										-30630
P.O. Box 960,	TELEPHONE	E NO. M 99211	0960		(50	5) 748-12	88			-		, OR WILDCAT
LOCATION OF V	VELL (Report	location cl	early and in a	ccordance				)•		Loco	Hills	a Paddock
At surface				99	90 FSL	330 FWL				11. SEC., T., F OR ARE		R BLOCK AND SURVEY
At top prod. inte	rval reported	below		_		330 FWL				0	44 T	470 0205
At total depth				99	90 FSL	330 FWL						17S R30E
				14. PERMIT I	NO.		DATEI	SSUED		12. COUNTY PARISH Edd	ок <u>у</u>	13. STATE
15. DATE SPUDDED	16. DATE T.D. 1		17. DATE C	OMPL. (Read		18. E	LEVATIO	ONS (DF, RK			19. EL	EV. CASING HEAD
6/20/99		/99		7/23/9			_	23. INTER	_	ROTARY TOO		CABLE TOOLS
20. TOTAL DEPTH, MD		1. PLUG, BAC	ск т.с., мо & тъ 5031	22	HOW MAN	ILE COMPL.,		DRILL		Yes		1
5080		THIS COM		, BOTTOM	, NAME (M	DAND TVD)		<u> </u>	-	L		WAS DIRECTIONAL
14.11.00000												SURVEY MADE
			4534	.5-4829	, Paddo	JCK					27. W	AS WELL CORED
26. TYPE ELECTRIC	Gamma	.ogs κυκ Rav. Neι	itron, Den	sity, La	teralog	, Spectra	l Garr	n <mark>ma</mark> Ra	У			No
28.						eport all string						
CASING SIZE/GRAD	E WEIGH	I, LB./FT	DEPTH SE	T (MD)	но	E SIZE		TOP OF CEN	ENT, CE	MENTING RECORD	)	ANOUNT PULLED
13 3/8		48	30	8		7 1/2			550			None
8 5/8		24	120			2 1/4			650 105			None None
5 1/2		15.5	504	14		7/8		_	103	037		
			RRECORD		1		1	30.		TUBING REC	ORD	L
29. SIZE	TOP (MD		OTTOM (MD)	SACKS CI	EMENT	SCREEN (M	D)	SIZE		DEPTH SET	MD)	PACKER SET (MD)
								2 7/	8	4842		
							-					
31. PERFORATION	RECORD (Int	erval, size a	ind number)			32. DEPTH IN				MOUNT AND KIN		MATERIAL USED
							1.5-48					6 NE acid
							1.5-48			32,000 ga	ls 20	% NE acid
										-		
	4534	.5-4829,	1/2, 78									
33. DATE FIRST PRODU	ICTION	PRODUCT	NON METHOD (F	lowing, gas li	e oumoina -	size and type o	(pump)			WELL S		Producing or Producing
8/7/1	999			2 1/2 x	2 20 R	HBC HVE	K PAR	GAS-MO		WATER-BB	1.	GAS-OIL RATO
DATE OF TEST	HOURS TE		CHOKE SIZE		N FOR	105			21	435		1152
8/12/1999	2	24	CALCULATE		$\rightarrow$		MCF.	1		R · BBL.		AVITY - API (CORR.)
FLOW. TUBING PRI	ESS. CASING F	RESSURE	24-HOUR RA		BBL.	0.3	121			435		38
34. DISPOSITION	OF GAS (Sold	l, used for lu	iel, vented, etc	.)		Sold		P	ETER	W. CHEST	RD	>
35: LIST OF ATTA	CHMENTS						1	02	Le-	STIL CL	FR	9
36. I hereby cert	ide that the d	oregoine a	nd attached I	nformatio	n is comp	lete and co	recta	s determi	ALIG	8 all available	record	ast
/			ate		TLE	Proc	iudig	Sit Anal			TE	8/16/1999
SIGNED	when	<u> </u>					-	ROSWE		D MANAGE	MENT	1
	Deation 400	*(See in	structions	and spa	ces for erson kn	Additiona	l Data	l on Rev fully to n	erse nake t		· A .	r agency of the

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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rm 3160-5 ine 1990)	DEPARTMEN	ED STATES T OF THE INTERIOR	OPERATOR'S C	
	BUREAU OF L	AND MANAGEMENT		5. Lease Designation and Serial No.
	SUNDRY NOTICES	AND REPORTS ON WE	ILS.	LC-055259 6. If Indian, Allottee or Tribe Name
Do not use this f	form for proposals to dri	I or to deepen or reentry R PERMIT—" for such pro	to a different reservoir	
	SUBMIT	IN TRIPLICATE		7. If Unit or CA, Agreement Designation
Type of Well Oil Gas Well Well Well	Other			8 Well Name and No.
Name of Operator				Mohawk Federal #1
	and the second se	ergy Corporation		9 API Well No.
Address and Telephone			(505)748-1288	30-015-30630
	P.O. BOX 960, A mage, Sec., T. R., M. or Survey Des	Artesia, NM 88211-0960	(505)/10 1200	Loco Hills Paddock
Location of Well (Poo	tage, Sec., 1. K., M. or Survey De	scription)		11. County or Parish, State
	Sec-14,T17S-R30	E 990 FSL & 330 FWL		
				Eddy, NM
CHECK		s) TO INDICATE NATU	RE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE O	F SUBMISSION		TYPE OF ACTIO	N
Noviet	e of Intent	Abandonme	nt	Change of Plans
	e or mem	Recompletio		New Construction
Subset	quent Report	Plugging Ba		Non-Routine Fracturing
		Casing Rep		Water Shut-Of
Final	Abandonment Notice	Altering Ca		Conversion to Injection
		Other	Surface Casing	Dispose Water
				(Note: Report results of multiple completion on M Completion or Recompletion Recort and Log for
give subsurface l	ocations and measured and true verti			
give subsurface 1 Mack Energy Corp drilling the 17 1/2 casing to go any d 6/26/1999 Spud 1 6/27/1999 TD 17	poration is drilling the Moh " hole, lost circulation at 18 leeper. Called David Glass 17 1/2" hole @ 5:00PM. Lo ' 1/2" hol <u>e @ 453</u> '. RIH w/	awk Federal #1 and has enco 33', partial returns back at 26 with the BLM in Roswell ar st circ @ 183'.	ountered a problem with s 0' to 455' at TD. Ran 13 nd obtained a verbal to set 48# csg & hit bridge @ 3 s. Plug down @ 1:30 PM	3/8" casing to 308' and could not get the 13 3/8" casing at 308'. 11'. BLM gave permission to Land c
give subsurface h Mack Energy Corp drilling the 17 1/2 casing to go any d 6/26/1999 Spud 1 6/27/1999 TD 17 @ 308' & RU BJ	poration is drilling the Moh " hole, lost circulation at 18 leeper. Called David Glass 17 1/2" hole @ 5:00PM. Lo 1/2" hole @ 453'. RIH w/ c/w 550sx Class C 2% CC.	awk Federal #1 and has ence 33', partial returns back at 26 with the BLM in Roswell ar st circ @ 183'. 7 joints 13 3/8" K-55 ST&C No circ ready mix w/10 yds	ountered a problem with s 0' to 455' at TD. Ran 13 nd obtained a verbal to set 48# csg & hit bridge @ 3 s. Plug down @ 1:30 PM	3/8" casing to 308' and could not get the 13 3/8" casing at 308'. 11'. BLM gave permission to Land c CEPTED FOR RECORD
give subsurface h Mack Energy Corp drilling the 17 1/2 casing to go any d 6/26/1999 Spud 1 6/27/1999 TD 17 @ 308' & RU BJ @ 308' & RU BJ	poration is drilling the Moh "hole, lost circulation at 18 leeper. Called David Glass 17 1/2" hole @ 5:00PM. Lo 1/2" hole @ 453'. RIH w/ c/w 550sx Class C 2% CC. JUL 1 the foregoing is true and correct when the foregoing is true and correct	awk Federal #1 and has ence 33', partial returns back at 26 with the BLM in Roswell ar st circ @ 183'. 7 joints 13 3/8" K-55 ST&C No circ ready mix w/10 yds	ountered a problem with s 0' to 455' at TD. Ran 13 nd obtained a verbal to set 48# csg & hit bridge @ 3 s. Plug down @ 1:30 PM	3/8" casing to 308' and could not get the 13 3/8" casing at 308'. 11'. BLM gave permission to Land c CEPTED FOR RECORD
give subsurface in Mack Energy Corp drilling the 17 1/2 casing to go any d 6/26/1999 Spud 1 6/27/1999 TD 17 @ 308' & RU BJ 0 14. 1 hereby certif What Signed	poration is drilling the Moh " hole, lost circulation at 18 leeper. Called David Glass 17 1/2" hole @ 5:00PM. Lo 1/2" hole @ 453'. RIH w/ c/w 550sx Class C 2% CC.	awk Federal #1 and has ence 33', partial returns back at 26 with the BLM in Roswell ar st circ @ 183'. 7 joints 13 3/8" K-55 ST&C No circ ready mix w/10 yds	ountered a problem with s 0' to 455' at TD. Ran 13 nd obtained a verbal to set 48# csg & hit bridge @ 3 s. Plug down @ 1:30 PM	3/8" casing to 308' and could not get the 13 3/8" casing at 308'. 11'. BLM gave permission to Land c EPTED FOR RECORD JUL 1 3 1999
Mack Energy Corp drilling the 17 1/2 casing to go any d 6/26/1999 Spud 1 6/27/1999 TD 17 @ 308' & RU BJ @ 308' & RU BJ 14. 1 hereby certify that Signed	poration is drilling the Moh " hole, lost circulation at 18 leeper. Called David Glass 17 1/2" hole @ 5:00PM. Lo 1/2" hole @ 453'. RIH w/ c/w 550sx Class C 2% CC. JUL 11 the foregoing is true and correct the foregoing is true and correct main or State office use)	awk Federal #1 and has ence 33', partial returns back at 26 with the BLM in Roswell ar st circ @ 183'. 7 joints 13 3/8" K-55 ST&C No circ ready mix w/10 yds	ountered a problem with s 0' to 455' at TD. Ran 13 nd obtained a verbal to set 48# csg & hit bridge @ 3 s. Plug down @ 1:30 PM	11'. BLM gave permission to Land c EPTED FOR RECORD JUL   3 1555 JUL   3 1555 JUL
give subsurface in Mack Energy Corp drilling the 17 1/2 casing to go any d 6/26/1999 Spud I 6/27/1999 TD 17 @ 308' & RU BJ 0 14. 1 hereby certify that i Signed	poration is drilling the Moh " hole, lost circulation at 18 leeper. Called David Glass 17 1/2" hole @ 5:00PM. Lo 1/2" hole @ 453'. RIH w/ c/w 550sx Class C 2% CC. JUL 11 the foregoing is true and correct the foregoing is true and correct main or State office use)	awk Federal #1 and has ence 33', partial returns back at 26 with the BLM in Roswell ar st circ @ 183'. 7 joints 13 3/8" K-55 ST&C No circ ready mix w/10 yds	ountered a problem with s 0' to 455' at TD. Ran 13 nd obtained a verbal to set 48# csg & hit bridge @ 3 s. Plug down @ 1:30 PM	3/8" casing to 308' and could not get the 13 3/8" casing at 308'. 11'. BLM gave permission to Land c CEPTED FOR RECORD JUL 1 3 1999 Date

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PROPERTY DOI	MO/YR	PROPERTY NAME		INTEREST	LAST
		OWNER SQ OWNER NAME	INTEREST	TYPE	CHANGE
001342 001 J1	01/98	MOHAWK FEDERAL 1			
		006172 OD THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	6/24/99
		999101 00 CHASE OIL CORPORATION	.60937500	1 WOR	6/24/99
		999104 00 RICHARD L. CHASE	.02812500	1 WOR	6/24/99
		999105 00 GERENE DIANNE CHASE CROUCH	.01875000	1 WOR	6/24/99
		999106 00 ROBERT C. CHASE	.04687500	1 WOR	6/24/99
		999107 00 MACK C. CHASE TRUST	.23437500	1 WOR	6/24/99
		TOTAL INTEREST	1.00000000		

District IV       - (505) 748-1283         811 S. First       Artesia, NM 88210         District III - (505) 334-6178       1000 Rio Brazos Road         Aztec, NM 87410       District IV - (505) 827-7131	New Mex als and Natural Dil Conservation 2040 South Pache Santa Fe, New Mex (505) 827-71	Resources De n Division eco Street kico 87505 31	OCT						
Operator and Well     Operator name & address     Moole Energy Co			OGRID	lumber					
Operator name & address Mack Energy Co P.O. Box			UGRIDA	umber					
Artesia, NM 88				013837					
Contact Party			Phone						
Robert C. C	hase			(505)748-1288					
Mohawk Federal	North/South Line	Weil Number	API Numi	30-015-30630					
UL Section Township Range Feet From The 990	North/South Line South	Feet From The 330	East/West Line West	County Eddy, NM					
II. Date/Time Information Spud Date Spud Date Date C	ompleted Pool								
6/26/99 5:00 pm	7/23/99								
6/26/99       5:00 pm       7/23/99       Loco Hills Paddock         III.       Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.       N.         IV.       Attach a list of all working interest owners with their percentage interests.       V         V.       AfFIDAVIT:       State of									
My Continission expires: 12-9-99	- Notary Pu								
FOR OIL CONSERVATION DIVISION USE ONLY:				and an an an and an					
VI. CERTIFICATION OF APPROVAL: This Application is hereby approved and the above of the Taxation and Revenue Department of this A	ve-referenced well is de Approval.	signated a New Well.	By copy hereof,	the Division notifies the Secretary					
Signature	Title			Date					

## VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

NOTICE: The operator must notify all working interest owners of this New Well certification.

(Cataber 1990)		ITHTED	STA	ES	TORSB	mHA			F Ol Expire	OR AP MB NO.	PROVED . 1004-0137 ember 31,1991
						२		tion on se side)	S. LEASE DE	SIGNAT	TION AND SERIAL NO
WELL CO	MPLETION	OR RECO	MPLET	TION	REPOR	BAN	ND LO	G* ''	6. IF INDIAN,	ALLO	TTEE OR TRIBE NAM
1a. TYPE OF WELL	.: OIL		7		Other			1	7. UNIT AGR	EEMEN	TNAME
b. TYPE OF COM			01	RY 🛄 :	Other						
		PEN PLUG	DIFF RESV		Other	-			8. FARM OF	RLEA	SE NAME, WELL N
2. NAME OF OPERATO									Moh	awk	Federal #1
Mack Energy C	orporation								9. API WELL	NO.	
3. ADDRESS AND	TELEPHONE NO.								3	0-015	5-30630
P.O. Box 960, /					505) 748-12				IO. FIELD AN	D POOI	L, OR WILDCAT
4. LOCATION OF W	ELL (Report local	ion clearly and in				ement	s)*		Loco	Hills	s Paddock
At surface			99	90 FSI	_ 330 FWL				11. SEC., T., F		R BLOCK AND SURVE
At top prod. inter	val reported belo	~	99	90 FSI	_ 330 FWL					-	
At total depth			99	90 FSI	_ 330 FWL				Sec	14 T	17S R30E
		Г	14. PERMIT N	NO.		DATE	ISSUED		12. COUNTY	OR	13. STATE
					1				12. COUNTY PARISH Eddy	у	NM
15. DATE SPUDDED	16. DATE T.D. REACH	ED 17. DATE (	OMPL (Read	y to prod.)	18. E	LEVATI	ONS (DF, RK	B, RT, GR	, ETC.)"	19. EL	EV. CASING HEAD
6/20/99	7/7/99		7/23/9	9			3689	RKB			3677
20. TOTAL DEPTH. MD &	TVD 21. PLU	G, BACK T.D., MD & T	VD 22		PLE COMPL.		23. INTER		ROTARY TOO	LS	CABLE TOOLS
5080		5031		HOW MA	WY*		DRILLI		Yes		
24. PRODUCING INTE	RVAL (S), OF THIS	COMPLETION - TO	P, BOTTOM,	NAME (	MD AND TVD)*						WAS DIRECTIONAL
											SURVEY MADE
		453	4.5-4829	, Padd	lock						Yes
26. TYPE ELECTRIC A	ND OTHER LOGS F Gamma Ray,	Neutron, Der	isity, Lat	eralog	, Spectral	Gan	nma Ray	1		27. WI	AS WELL CORED
28.		CAS	ING REC	ORD (A	eport all string	s set i	n well)	_			
CASING SIZE/GRADE	WEIGHT, LBJF	T DEPTH S	ET (MD)	но	LE SIZE		TOP OF CEM	ENT, CEM	ENTING RECORD		AMOUNT PULLED
13 3/8	48	30	8	1	7 1/2			550s	x		None
8 5/8	24	12	06		2 1/4			650s			None
5 1/2	15.5	504	44		7 7/8			1050	SX		None
						L			UBING RECO		
29.		LINER RECORD					30.				
SIZE	TOP(MD)	BOTTOM (MD)	SACKS CE	MENT	SCREEN (MD	<u>"</u>	SIZE 2 7/8		DEPTH SET (N	(0)	PACKER SET (MD)
							2 7/6	<u> </u>	4842		
31. PERFORATION R	ECORD (Interval a	ize and number)			32.			FRACT	URE, CEMEN	TSOU	EEZE ETC
					DEPTH INT						ATERIAL USED
					4534.	-			2500 gals	15%	NE acid
					4534				32,000 gals		
									M		
	4534.5-48	29, 1/2, 78									
33.				PRO	DUCTION						
DATE FIRST PRODUC		DUCTION METHOD (F	lowing, gas lift,	pumping -	size and type of p HBC HVR		BNC		WELL ST		Producing or Producing
8/7/19		here we are	Z 1/Z X Z		OIL-BBL.	FAP	GAS-MCF		WATER-BBL	_	GAS- OIL RATIO
DATE OF TEST	HOURS TESTED	CHOKE SIZE	TEST PE				12				
8/12/1999	24			$\rightarrow$	105				435		1152
FLOW. TUBING PRESS	CASING PRESSUR	CALCULATE		BL. 105	GAS-M	121	1		135		38
34. DISPOSITION OF	GAS (Sold, used I	or fuel, vented, etc.	)	5	Sold		PE	TER	C FOR RECORD	_	
35. LIST OF ATTACH	IMENTS					đ	Tra	X	TESTA	R	7
33. LIGT OF ATTACK	IMERIO					1	12	er'	N.C.L.	7	· [
36. I hereby certify	Abot 4b - 4	a and attached la	formation	is come	late and corre		determa	Groß	at available r	ecords	±
So. I nereby certify	that the foregoin					1.	b A l	2.2	3 1359		[9/16/1000
SIGNED	uspa D.	(ale	TITI	LE	Produ	10110	ROSWELL	LAN	DATE	E	8/16/1999
							WELL	2250			
Title 18 11 5 C 54		Instructions a	•								agency of the

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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Fermi 1864 (Unite 1990)       UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT       OPERATOR'S COV       Dates Description 11/02 Notesting and the state of the st	°.•										
SUBJORY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals  SUBMIT IN TRIPLICATE  1 Type of Wall  3. Mane of Operator  4. Well Plane and Ne.  9. O. Box 960, Aresia, NM 82211-0960  5. Orbit and Plane and Ne.  9. O. Box 960, Aresia, NM 82211-0960  5. Compression of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. APP Well Ne.  9. O. Box 960, Aresia, NM 82211-0960  5. Compression of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge, Se. 7, R. M. or Surrey Decoupter)  5. Accession of Well (Pootge		DEPARTME	NT OF THE INT		OPERATOR'S C	Budget Burer Expires: M 5. Lease Designation	au No. 1004-0135 farch 31,1993 on and Serial No.				
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals           1" Unit of CA. Agreement Designation             Type of Well         One           SUBMIT IN TRIPLICATE           1" Unit of CA. Agreement Designation             Type of Well           Submet of Designation           E. Well Name and Ne.             Submet of Designation           Designation           E. API Will Ne.             Address and Mitsphen Ne.           D. Box 960, Artesia, NM 82211-0950           (505)7/48-1283             Locettion of Well (Parage, Sec. 1 R. T. R. More Superspector)           Sec-14,117S-R30E           South SSION           Dot for data deal tegineers Area             Locettion of Well (Parage, Sec. 1, R. More Superspector)           Data deal property Parage           Locettion           South SSION           Dot for data deal post tegineers             Locettion of Well (Parage, Sec. 1, R. More Superspector)           Data deal proper           Data deal post tegineers           Locettion           Dot deal post tegineers             Locettion for Well (Parage, Sec. 1, R. More Superspector)           Data deal post tegeners		SUNDRY NOTICES	AND REPORT	S ON WELL	.s						
SUBMIT IN TRIPLICATE         1 Type of Weil	Do not u										
Mole with the second sec			IN TRIPLICA	TE		7. If Unit or CA, A	greement Designation				
Mack Energy Corporation <ul> <li>Address and Telephone No.</li> <li>P.O. Box 960, Artesia, NM 88211-0960</li> <li>(505)748-1288</li> <li>To Field and Post of Exploremary Area</li> <li>Loco Hills Paddock</li> <li>I. Center of Vetil (Foorage, Sec. T. R., M of Survey Description)</li> <li>Sec. 14, T17S-R30E</li> <li>990 FSL &amp; 330 FWL</li> </ul> <li>In CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</li> <li>TYPE OF SUBMISSION</li> <li>TYPE OF SUBMISSION</li> <li>CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</li> <li>TYPE OF SUBMISSION</li> <li>TYPE OF ACTION</li> <li>Notice of Interin</li> <li>Abandonmest</li> <li>Subsequent Report</li> <li>Base Subsequent Report</li> <li>Base Subsequent Report</li> <li>Base Subsequent Report</li> <li>Describe Proposed or Completed Operational (Cherry state all perimer details, and give perimer data, including summer data of proton to Water Subsequent Report and to maximited depits for all markets and sores perimers to this work ?*</li> <li>Mack Energy Corporation is drilling the Mohawk Federal #1 and has encountered a problem with setting surface casing @ 450. While drilling the 17 1/2" hole, lost circulation at 183", partial returns back at 260' to 455' at TD. Ran 13 3/8" casing at 308'.</li> <li>6/27/1999 TD 17 1/2" hole @ 5:00PM. Lost circ @ 183'.</li> <li>6/27/1999 TD 17 1/2" hole @ 5:00PM. Lost circ @ 183'.</li> <li>6/27/1999 TD 17 1/2" hole @ 5:00PM. Lost circ @ 183'.</li> <li>6/27/1999 TD 17 1/2" hole @ 5:00PM. Lost circ @ 183'.</li> <li>15 Subseq Mather Subse Office ust)</li> <li>I. I Int</li>	Oil Well	Gas Other									
3 Address and Telephone No:       9.0. Box 960, Artesia, NM 88211-0960       (505)748-1288       10 Feid and Pool, or Expinatory Area         4 Location of Well (Footage, Sec., T. R., M. or Survey Description)       Io Feid and Pool, or Expinatory Area       Loca Hills Paddock         11       CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA       TYPE OF SUBMISSION       TYPE OF ACTION         12       CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA       New Construction         13       Subsequent Report       Change of Plans       New Construction         14       Description Construction to fuention       Change of Plans       New Construction         13       Description Construction to the section of th	2. Name of Op		nongu Comonatio								
P.O. Box 960. Artesia, NM 88211-0960       (503)748-1283       To Field and Pool of Exploremeny Area         * Location of Well (Floatings, Sec. T. R., M. or Survey Description)       Sec-14,T17S-R30E       990 FSL & 330 FWL       Loco Hills Paddock         **       Check APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA       Eddy, NM         11       CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION       TYPE OF ACTION         Image: Subsequent Report       Abandammest         Image: Subsequent Report       Abandammest         Image: Subsequent Report       Charge face         Image	3. Address and		nergy Corporation	n							
		P.O. Box 960,	Artesia, NM 882	11-0960	(505)748-1288						
Sec-14,T175-R30E 990 FSL & 330 FWL	4. Location of					Loco Hi	Loco Hills Paddock				
12       CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION       TYPE OF ACTION         Image: Subsequent Report       Abandonment         Subsequent Report       Change of Plana         Image: Frank Notice       New Ceastroction         Image: Subsequent Report       Carversine to Injection         Image: Subsequent Report       Carversine Injection         Image: Subsequent Report       Carversine Injection         Image: Subsequent Report       Carversine Injection         Image: Report Report       Carversine Injection         Image: Report Report       Carversine Injection         Ima		Sec-14,T17S-R3	0E 990 FSL &	330 FWL							
TYPE OF SUBMISSION       TYPE OF ACTION         Notice of finent       Abandonment       Change of Flame         Notice of finent       Recompletion       New Construction         New Construction       New Construction       New Construction         Image: Subsequent Report       Image: Subsequent Report       New Construction         Image: Subsequent Report       Image: Subsequent Report       New Construction         Image: Subsequent Report       Image: Surface Casing       Other         Image: Subsequent Report       Image: Surface Casing       Surface Casing         Image: Subsequent Report <td< td=""><td></td><td></td><td></td><td></td><td></td><td>Edd</td><td>ly, NM</td></td<>						Edd	ly, NM				
Notice of finent     Abindonment     Notice     Abindonment     Abindonment     Notice     Abindonment     Notice     Abindonment     Notice     Abindonment     Notice     Abindonment     Notice     Abindon     Abindon     Abindon     Abindon     Abinformation     Abindo     Abindon     Abindon     Abinformation	12.	CHECK APPROPRIATE BOX	(s) TO INDICA	TE NATURE	OF NOTICE, REPO	ORT, OR OTHER					
Subsequent Report		TYPE OF SUBMISSION			TYPE OF ACTIO	N					
Bubsequent Report     Final Abandonment Notice     Final Abandonment		Notice of Intent		Abandonment		Change of Pla	ns				
Casing Repair Altering Casing Other Conversion to Injection Conversion Conversion to Injection Conversion Co				Recompletion			tion				
Altering Casing     Other				Plugging Back		Non-Routine	Fracturing				
Other			-								
		Final Abandonment Notice			Surface Casing		-				
13 Describe Proposed or Completed Operations (Clearly state all perimen details and give periment dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones periment to this work )*         Mack Energy Corporation is drilling the Mohawk Federal #1 and has encountered a problem with setting surface casing @ 450'. While drilling the 17 1/2" hole, lost circulation at 183', partial returns back at 260' to 455' at TD. Ran 13 3/8" casing to 308' and could not get casing to go any deeper. Called David Glass with the BLM in Roswell and obtained a verbal to set the 13 3/8" casing at 308'.         6/26/1999 Spud 17 1/2" hole @ 5:00PM. Lost circ @ 183'.         6/27/1999 TD 17 1/2" hole @ 453'. RIH w/ 7 joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 311'. BLM gave permission to Land csg @ 308' & RU BJ c/w 550sx Class C 2% CC. No circ ready mix w/10 yds. Plug down @ 1:30 PM.         II. 1 hereby certify (hat the foregoing is true and correct signed				Uther	ournee cusing	(Note: Report results of	of multiple completion on Well				
Signed     Current     Title     Production Analyst     Date     7/8/99       (This space for Federal or State office use)     Title     Date     7/8/99	Mack Ene drilling th casing to g 6/26/1999 6/27/1999	drilling the 17 1/2" hole, lost circulation at 183', partial returns back at 260' to 455' at TD. Ran 13 3/8" casing to 308' and could not get casing to go any deeper. Called David Glass with the BLM in Roswell and obtained a verbal to set the 13 3/8" casing at 308'. 6/26/1999 Spud 17 1/2" hole @ 5:00PM. Lost circ @ 183'. 6/27/1999 TD 17 1/2" hole @ 453'. RIH w/7 joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 311'. BLM gave permission to Land csg @ 308' & RU BJ c/w 550sx Class C 2% CC. No circ ready mix w/10 yds. Plug down @ 1:30 PM. $JU'_{-}$ 15									
Signed     User     Title     Production Analyst     Date     7/8/99       (This space for Federal or State office use)     Title     Date     7/8/99					L						
Approved by Date Title		1. · · · //	Title	Proc	duction Analyst	Date	7/8/99				
	(This spac	e for Federal or State office use)									
Conditions of approval, if any:	Approved	by	Title			Date					
	Condition	s of approval, if any:									

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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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PROPERTY DOI M	O/YR PROPERTY NAM	E		INTEREST	LAST
		OWNER NAME	INTEREST	TYPE	CHANGE
001342 001 J1 0	1/98 MOHAWK FEDER				
		THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	6/24/99
		CHASE OIL CORPORATION	.60937500	1 WOR	6/24/99
		RICHARD L. CHASE	.02812500	1 WOR	6/24/99
		GERENE DIANNE CHASE CROUCH	.01875000	1 WOR	6/24/99
	999106 00	ROBERT C. CHASE	.04687500	1 WOR	6/24/99
	999107 00	MACK C. CHASE TRUST	.23437500	1 WOR	6/24/99
		TOTAL INTEREST	1.00000000		