<u>District 1</u> - (505) 393-6161 1625 N. French Dr Hobbs, NM 88241-1980 <u>District II</u> - (505) 748-1283 811 S. First Artesia, NM 88210 <u>District III</u> - (505) 334-6178 1000 Rio Brazos Road Aztee, NM 87410 <u>District IV</u> - (505) 827-7131	Energy Minera O	New Mex ls and Natural il Conservatio 2040 South Pache Santa Fc, New Mex (505) 827-7	l Reso n Div eco Stre xico 87!	ision	Y	ment	/ O S Form C-14 Date 06/3 SUBMIT ORIGINA PLUS 2 COPIE TO THE SANTA F OFFIC
		CATION FOR NE		LL STATUS	<b>2</b> 28833	ERVATION	DIVIPON
I. Operator and W Operator name & address	· · · · · · · · · · · · · · · · · · ·					OGRID N	umber
MARBOB ENERGY CORP P.O. BOX 227	ORATION					1.00	
ARTESIA, NM 88210 Contact Party					•	1404 Phone	i9
ROBIN COCKRUM			T	Well Number		505-	-748-3303
BIRDÍE FEDERAL	· · · · · · · · · · · · · · · · · · ·			6	<u>.</u>	30-0	)15-30520
UL Section Township G 17 17S	Range Feet From The 30E 2310	North/South Line NORTH		from The 310	East/ EAS	<b>Vest Line</b> ST	County EDDY
Federal Form 3 V. Attach a list of a V. AFFIDAVIT: State of County ofED <u>ROBIN_COCKRU</u> 1. I am the 2. To the I Signature SUBSCRIBED AND SW	Form C-103 or Federa 160-4 showing well was Il working interest owne <u>W MEXICO</u> ) SS. DY) M being first duly sworn, COCILCUNC VORN TO before me this 2, 10, 0, 7	completed as a p rs with their perce upon oath states: d representative o his application is c Title <u>PRODUC</u> s <u>ZO<sup>TH</sup></u> day of <u></u> Notary F	or of the O complet TION Tu Wist	r. nterests. perator, of t e and corre	drillin the at	g comme	renced well.
VI. CERTIFICATIO This Application i	N OF APPROVAL: s hereby approved and the tary of the Taxation and R	above-referenced	well is a at of this	lesignated a Approval.	New	Well. By a	copy hereof, the Division
Signature Mark la	aly	Title P.E.	Ske	2 <i>.</i>			ИСТ 1 1999
	tor must notify all we				<b>lew</b> '	Well cer	

PVZV	2005936579
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			C	JUL 0 1 1999
Form 3160-5 (June 1990)	UNITED STAT	E INTERIOR	OPERATOR'S COPY	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
SUNI	BUREAU OF LAND MA		<b>C</b>	5. Lease Designation and Serial No. NM-86025
Do not use this form for pr		epen or reentry	to a different reservoir.	6. If Indian, Allottee or Tribe Name
	SUBMIT IN TRIPL	ICATE		7. If Unit or CA, Agreement Designation
1. Type of Well Gas Well Well Othe 2. Name of Operator	۶ <b>۲</b>			8. Well Name and No. BIRDIE FEDERAL #6
MARBOB ENERGY CORPOR 3. Address and Telephone No.	RATION			9. API Well No. 30-015-30520.
P.O. BOX 227, ARTESIA, NM 4. Location of Well (Footage, Sec., T., F				10. Field and Pool, or Exploratory Area LOCO HILLS PADDOCK
2310 FNL 2310 FEL, SEC. 17	-T17S-R30E UNIT G			11. County or Parish, State
	· · · · · · · · · · · · · · · · · · ·			EDDY, NM
		ATE NATURE O	F NOTICE, REPORT, OF	R OTHER DATA
	SION		TYPE OF ACTION	
Notice of Intent		Abandonment		Change of Plans     New Construction
Subsequent Report		Plugging Back		Non-Routine Fracturing
Final Abandonment I	Notice	Casing Repair	1	Water Shut-Off     Conversion to Injection
			D, CMT CSG	Dispose Water
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed O directionally drilled, give subsurface				
	•			· ·
SPUD WELL @ 12:00 P.M. 6/ CMTD W/400 SX PREM PLUS CSG TO 600# FOR 20 MINUT	5, PLUG DOWN @ 8:00 P.N	TO 440' RAN 10 J1 1., CIRC 105 SX TC	TS 8 5/8" 24# CSG TO 435', SURF. WOC 18 HRS, TS	ſD
	· · · · ·			· · · · ·
		·		
		AG	CEPTED FOR RECORD	
		<b>PUC</b>	JUN 2 9 1999	
			BLM	
14. I hereby certify that the foregoing is the Signed Control of Signed Control of State office up the space for Federal or State office up the space for federa	THE			Date 06/17/99
Annroved by	Title			Date
Conditions of approval, if any:	The	<u> </u>	· · ·	
· .		· · ·		

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.

4729'     4716'     HOW MANY'     DRILED BY     0-4729'       24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)'     25. WAS DIRECTION     26. WAS DIRECTION       4304-4513' PADDOCK     No     SURVEY MADE     No       26. TYPE ELECTRIC AND OTHER LOGS RUN     27. WAS WELL CORED     No       27. WAS WELL CORED     CASING RECORD (Report all strings set in well)     CASING SIZE/GRADE     AMOUNT PULL       8. 5/8''     24#     435'     12.1/4''     400 SX     CIRC 105       5. 51/2''     17#     4729'     7.7/6''     1450 SX     CIRC 105       5.5     12.1/4''     400 SX     CIRC 145     CIRC 145       28.     LINER RECORD     30.     TUBING RECORD       SIZE     TOP (MD)     BOTTOM (MD)     SACKS CEMENT' SCREEN (MD)     SIZE     DEPTH SET (MD)     PACKER SET (LIRE TRECORD       31. PERFORATION RECORD (Interval, size and number)     12     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.     DEPTH INTERVAL (MD)     AMOUNT AND KIND OF MATERIAL USED       33. *     PRODUCTION     PRODUCTION METHOD (Flowing, gas ith, pumping-size and type of pump)     WELL STATUS (Producing or statu-in)       07/17/99     PUMPING     OLBBL.     GAS-MCF.     WATER-BBL.     OL GAS/ULA TAD KIND OF MATERIAL USED       33. *     PRODUCTION METHOD (Flowing, gas ith, pumping-size a	<sup>1</sup>						-			· .
BUREAU OF LAND MANAGEMENT         reverse step         1. LEASE DESCRIPTION AND AND SELUCION           WELL COMPLETION OR RECOMPLETION REPORT AND LOG*         4. IF INDIAN, ALLOTTEE OR TRUE NA         4. IF INDIAN, ALLOTTEE OR TRUE NA           Is TYPE OF COMPLETION         WELL         Well         WOLL         Other         7. UNIT AGREEMENT NAME           Is TYPE OF COMPETION         WELL         Well         WOLL         Other         7. UNIT AGREEMENT NAME           Is TYPE OF COMPETION         WELL FOR TRUE NA         WOLL         DEF         PLUG         DEF           A ADDRESS AND TELEPHORE NO.         DATE STORESS AND TELEPHORE NO.         BIROLE FOR TRUE NA         BIROLE FOR TRUE NA           A CODRESS AND TELEPHORE NO.         D. DEX 223 OFEL         ALL OCO MULCAT         LOCAD MULCAT           A LODGE NO TY WELL (Report Docation clearly and in accordance with any State requirements)*         14. DECH NOT OCOLOR WILLOW         SAUE           A CODRESS AND TELEPHORE NO.         DATE SSUED         SAUE         SCC. 17.1157-R300           A CODRESS AND TELEPHORE NO.         DATE SSUED         SCC. 17.1157-R300         SCC. 17.1157-R300           A CODRESS AND TELEPHORE NO.         DATE AND POOL ON RECORD (RECORD ON RECORD ON RE									OMB N	0. 1004-0137
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*         IF INDIAL ALLOTTE OR THISE NAT           16. TYPE OF COMPLETION: WELL WORK DEFAULTS: WELL WORK DEFAULTS: WELL WORK DEFAULTS: WELL WORK DEFAULTS: WELL WORK DEFAULTS: WELL WORK DEFAULTS: WELL WORK DEFAULTS: NAREO FORERATOR MARGO ELENERGY CORPORATION         IF ARM OR LEASE NAME, WELL NO. BIRDIDE FEDERAL #6 I ADRESS NOT ELENYONE NO. POLODOX 27, ARTESIA, NM 88210 505-748-3303         I ADRESS NOT ELENYONE NO. POLODOX 27, ARTESIA, NM 88210 505-748-3303         I ADRESS NOT ELENYONE NO. POLODOX 27, ARTESIA, NM 88210 505-748-3303         I ADRESS NOT ELENYONE NO. POLODOX 27, ARTESIA, NM 88210 505-748-3303         I ADRESS NOT ELENYONE NO. POLODOX 0F WILL (Report Factor Clearly and in accordance with any State Regimments)' A top rote, Internal reported below SAME SAME SAME SAME SAME S OTAL DEFM NG VO 21. PLUG, BACK 12, MO 8 TVD 22. IF MULTIPLE COMPL. PRODUCTION OF WELL (ROUTY OR PARIENT IS, TATE EDDOY         I SEC. TAT-TT7S-R30E EDDOY         I SEC. SAMIGREAN SAME S OTAL DEFM NG VO 21. PLUG, BACK 12, MO 8 TVD 22. IF MULTIPLE COMPL. PRODUCTION THERVALIS) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD' 4304-4513* COMPLOTOR DEFT SECOND (RECORD (REPORT all strings set in well) DATE DEFT INTERVALUE ON THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD' 4304-4513* COMPLETION TOP, BOTTOM, NAME (MD AND TVD' 4304-4513* ADDOCK         I THERVALUE NO. SECOND SECOND (INTERVALUE) OF THIS COMPLIAND AND TVD' 4304-4513* ADDOCK         I ADDOCK ADDUCTION METHOD RECORD (REPORT all strings set in well) DATE OF THIST WOLK ALL OOS NUM DLLT, MG SUPPORTATION RECORD (INTERVALUE) DEPTH SET (MD) SATE OF TIST HOURS TEST OF COND (INTERVALUE) DEPTH SET (MD) SATE OF TIST HOURS TEST OF COND (INTERVALUE) SATE OF THIST HOURS TEST OF TOOL (INTERVALUE) DEPTH SET (MD) SATE OF TIST HOURS TEST OF COND (INTERVALUE) DECASE P									5. LEASE DESIGNA	ATION AND SERIAL NO.
b. TYPE OF COMPLETION:         DEEP:         PLUC         DEEP:         Differ         Image: Control of DefEnding         I	WELL CON		R RECO	MPLETIO	N REPOF		ND LO	G*		· · · · · · · · · · · · · · · · · · ·
6. TYPE OF COMPLETION:         DEEP:         PLIG         DEF:         DUC         DEEP:         DUC	a. TYPE OF WELL:	OIL WELL	X GAS WELL		Other			-		
LANGE OF OPERATOR     MARBOB ENERGY CORPORATION     SUBJECT		ION: WORK - DEEP	PLUG	DIFF.						
MARKOD ENERGY CORPORATION 4. APIVELL RG 4. APIVELL RG 4. APIVELL RG 4. ADDRESS AND TELEPHONE NO. P.O. BOX 227, ARTESIA, NM 88210 505-748-3303 9-015-30520 10. FELD AM POOL OR WILLOST ALUDGATU OF WELL (Report location cleanly and in accordance with any State requirements)* Alumbers and report intraval reported below SAME SAME 4. PERMIT NO. DATE ISSUED 5. C. TT.175-R30E 5. C. TT.175			BACK						1.1	
P.O. BOX 227, ARTESIA, NM 88210 505-748-3303       30-015-30520         LOCATION OF WELL (Report location clearly and in accordance with any State requirements)"       10. FIEL AND POOL OR WILDOAT         Attourties       2310 FRL 2310 FEL       10. FIEL AND POOL OR WILDOAT         Attour depth       SAME       SEC. 17-175-R30E         S. DATE SPUDDED       16. DATE 10. REACHED       17. DATE COMPL. (Ready to prod.)       18. ELEVATIONS (DF, RKB, RT, GE, ETC)       19. ELEV. CASINGHAL         S. DATE SPUDDED       16. DATE 10. REACHED       17. DATE COMPL. (Ready to prod.)       18. ELEVATIONS (DF, RKB, RT, GE, ETC)       19. ELEV. CASINGHAL         4725       4729       4716       21. IF MULTIPLE COMPL.       23. IMTENVALS       ROTARY TOOLS       CABLE TOOLS         001/16/99       06/27/99       07/14/99       3669 GR       20. 47/29'       19. ELEV. CASINGHAL         4. TOTAL DEPTH, MO a TVD 21. FULG, BACK TD, MD a TVD       21. IF MULTIPLE COMPL.       23. IMTENVALS       ROTARY TOOLS       CABLE TOOLS         4304-4513' PADDOCK       21. IF MULTIPLE COMPL.       23. IMTENVALS       ROTARY TOOLS       CABLE TOOLS         8. TYPE ELECTRIC AND OTHER LOGS RUN       21. IF MULTIPLE COMPL.       23. IMTENVALS       ROTARY TOOLS       CLABLE TOOLS         310       DLLLT, MG       CASING RECORD (Report all strings set in well)       21. 4400 SX <td></td> <td></td> <td>ON</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>EDERAL #0</td>			ON							EDERAL #0
L LOCATION OF WELL (Report location clearly and in accordance with any State requirements)" Atsurdats Atsu			210 505-748	-3303					<b>30-0</b> 1	15-30520
A LUMER 2310 FFL 2310 FEL 2310					requirements)*	· · · · · · <b>· · · · ·</b>	· · · · · · · · · · · · · · · · · · ·		,	-
At total depth SAME 14. PERMIT NO. DATE ISSUE 12. COUNTY OR PARISH 11. STATE EDDY 13. STATE EDDY 14. PERMIT NO. DATE ISSUE 12. COUNTY OR PARISH 11. STATE EDDY 13. STATE EDDY 14. PERMIT NO. DATE ISSUE 12. COUNTY OR PARISH 11. STATE EDDY 13. STATE EDDY 14. DEPTH 15. ELEV.CASINGERA. 06/16/99 06/27/99 07/14/99 07/14/99 3669' GR 36. EFC.; 15. ELEV.CASINGERA. 06/16/99 06/27/99 07/14/99 36. TOTAL DEPTH, MO & TOD 14. PLUE, BACK TD, MO & TOD 14. PLUE, BACK TD, MO & TOD 14. ELEV.CASINGERA. 06/16/99 06/27/99 07/14/99 36. TOTAL DEPTH, MO & TOD 14. PLUE, BACK TD, MO & TOD 24. PRODUCTION 84. TOPE ELECTRIC AND OTHER LOGS RUN DLLT, MG 25. WAS DIFECTOD 30. CASING RECORD (Report all strings set in well) 25. WAS DIFECTOD NO 28. CASING RECORD (Report all strings set in well) 26. No 27. WAS WELL CORED NO 27. WAS WELL CORED NO 28. 27. WAS WELL CORED NO 28. 27. WAS WELL CORED NO 29. 28. CASING RECORD (Report all strings set in well) 26. INFORMATION 27. WAS WELL CORED NO 28. 27. WAS WELL CORED NO 28. 27. WAS WELL CORED NO 28. 27. WAS WELL CORED NO 29. 29. 29. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	2310 FNL 231 At top prod. interval								11. SEC., T., R., M., OR AREA	OR BLOCK AND SURVE
SAME     EDDY     NM       15. DATE SPUDDED     16. DATE 1.D. REACHED     17. DATE COMPL     (Ready to prod.)     16. ELEVATIONS (DF, RKB, RT, GE, ETC, TO, MO STAD)     19. ELEV. CASINGHEAL       06/16/39     06/27/99     07/14/99     3669' GR     19. ELEV. CASINGHEAL     3669' GR       28. TOTAL DEPTH, MD & TVD     21. PLUG, BACK TO, MO & TVD     21. PLUG, MANY     23. INTERVALLS). ROTARY TOOLS     CASING FACTORS.       24. PRODUCING INTERVAL[S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD'     25. WAS DIRECTON     27. WAS WELL CORED     30. TUBILLED BY       30.41513' PADDOCK     CASING RECORD (Report all strings set in well)     28. TYPE ELECTRIC AND OTHER LOGS RUN     27. WAS WELL CORED     No       28. TYPE ELECTRIC AND OTHER LOGS RUN     DLIT, MG     CASING RECORD (Report all strings set in well)     28. CIRC 105:     5.1/2"     7. WAS WELL CORED     No       28. TYPE ELECTRIC AND OTHER LOGS RUN     DLIT, MG     HOLE SIZE     TOP OF CEMENT CEMENTING RECORD     AMOUNT PULL       8.5/8"     24#     435'     12.1/4"     400 SX     CIRC 105:       5.1/2"     17#     4729'     7.7/8"     450 SX     CIRC 105:       5.1/2"     17#     4729'     7.7/8"     4239'       31. PERFORATION RECORD     INDETOM (MD)     SACKS CEMENT'     SIZE     DEPTH SET (MD)     PACKER SET (MD)	÷••••=									
06/16/99     06/27/99     07/14/99     3669' GR       28. TOTAL DEPTH, MD & TVD     21. PLUG, BACK T.D., MO & TVD     21. IF MULTPLE COMPL., MOW MANY     23. INTERVENTION     ROTARY TOOLS     CABLE TOOLS       24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)'     25. WAS DIRECTON SURVEY MADE     27. WAS WELL CORED No     27. WAS WELL CORED No       25. TYPE BLECTRIC AND OTHER LOGS RUN DLLT, MG     CASING RECORD (Report all strings set in well)     27. WAS WELL CORED No       26. TYPE SELECTRIC AND OTHER LOGS RUN DLLT, MG     CASING RECORD (Report all strings set in well)     CASING SIZE/GRADE     CIRC 105       26. TYPE SELECTRIC AND OTHER LOGS RUN DLLT, MG     CASING RECORD (Report all strings set in well)     CASING SIZE/GRADE     CIRC 105       27. WAS WEIGHT, LB.FT.     DEPTH SET (MD)     MOLE SIZE     TOP OF CEMENT, CEMENTING RECORD     AMOUNT PULL       85/80"     24#     435'     12.1/4"     400 SX     CIRC 105       28. LINER RECORD     30.     TUBING RECORD     SIZE     CIRC 105       31. PERFORATION RECORD (Interval, size and number)     32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       33. *     PRODUCTION     PRODUCTION     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       33. *     PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)     WELL STATUS (Producing or SNUF/M)       34. OLBSPOSITION METSCOLD     CASCHE SIZE     PR	SAME			14. PERMIT N	0.	DATE	ISSUED		i	
4729     4716'     HOW MANY'     DRILED BY     0-4729'       24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)'     25. WAS DIRECTION     26. WAS DIRECTION-TOP, BOTTOM, NAME (MD AND TVD)'     26. WAS DIRECTION       4304-4513' PADDOCK     No     27. WAS WELL CORED     No       28. TYPE ELECTRIC AND OTHER LOGS RUN     27. WAS WELL CORED     No       28. TYPE ELECTRIC AND OTHER LOGS RUN     CASING RECORD (Report all strings set in well)     CASING SIZE/GRADE     AMOUNT PULL       8. 5/8"     24#     435'     12.1/4"     400 SX     CIRC 105       5. 1/2"     17#     4729'     7.7/6"     1450 SX     CIRC 105       5. 1/2"     17#     4729'     7.7/6"     1450 SX     CIRC 105       29.     LINER RECORD     30.     TUBING RECORD     SIZE     DEPTH SET (MD)     PACKER SET (LS)       31. PERFORATION RECORD (Interval, size and number)     32.     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.     4304-4513'     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       4304-4513' 20 SHOTS     PRODUCTION     PRODUCTION     PRODUCTION     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       33. *     PRODUCTION     PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)     WELL STATUS (Producing or stul-in)       33. *     PRODUCTION     PRODUCTION METHOD (Flowing, gas lift, pumping-size and				•	to prod.) 18	3. ÉLEV	-		19. RT, GE, ETC.)* 19.	ELEV. CASINGHEAD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*       25. WAS DIRECTION         4304-4513' PADDOCK       27. WAS WELL CORED         28. TYPE ELECTRIC AND OTHER LOGS RUN       27. WAS WELL CORED         DLT, MG       27. WAS WELL CORED         28. TYPE ELECTRIC AND OTHER LOGS RUN       27. WAS WELL CORED         DLT, MG       27. WAS WELL CORED         28. CASING SIZE/GRADE       WEIGHT, LB/FT.         29. ELECTRIC AND OTHER LOGS RUN       27.00° CEMENT, CEMENT, GEMENT, GUEZE, ETC.         29.       LINER RECORD       30.       TUBING RECORD         SIZE       TOP (MD)       BOTTOM (MD)       SACKS CEMENT*       SCREEN (MD)       SIZE       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         31.       PERODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       MULL STATUS (Producing or shuf-in)       PRODUCTION         33. *       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shuf-in)       PRODUCTION		TVD 21. PLUG, B		VD 22. IF MUL HOW N						CABLE TOOLS
4304-4513' PADDOCK       No         28. TYPE ELECTRIC AND OTHER LOGS RUN DLLT, MG       27. WAS WELL CORED NO         28.       CASING RECORD (Report all strings set in well) CASING SIZE/GRADE       CASING RECORD (Report all strings set in well) CASING SIZE/GRADE         26.       24#       435'       12.1/4"       400 SX       CIRC 105         5.1/2"       17#       4729'       7.7/8"       1450 SX       CIRC 105         28.       LINER RECORD       30.       TUBING RECORD       21/4"       4239'         28.       LINER RECORD       SIZE       DEPTH SET (MO)       PACKER SET ( 4239'       21/8"       4239'         31.       PERFORATION RECORD (Interval, size and number)       32.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513' 20 SHOTS       DEPTH INTERAL (MD)       AMOUNT AND KIND OF MATERIAL USED       4304-4513'       ACD W/2000 GALS 15% NEFE ACID         33. *       PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or statu-fin)       PROD         DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or statu-fin)       PROD         DATE OF TEST       HOURS TESTED       CHOKE SIZE       PROPM FOR 64       66       817         L		VAL(S), OF THIS COM		TTOM, NAME (MD	AND TVD)*			->		5. WAS DIRECTIONAL
DLLT, MG     No       28.     CASING RECORD (Report all strings set in well)       2ASING SIZE/GRADE     WEIGHT, LB./FT.     DEPTH SET (MD)     HOLE SIZE     TOP OF CEMENT. CEMENTING RECORD     AMOUNT PULL       8 5/8"     24#     435'     12 1/4"     400 SX     CIRC 105       5 1/2"     17#     4729'     7 7/8"     1450 SX     CIRC 145       28.     LINER RECORD     30.     TUBING RECORD       SIZE     TOP (MD)     BOTTOM (MD)     SACKS CEMENT*     SCREEN (MD)     SIZE       29.     LINER RECORD     30.     TUBING RECORD       SIZE     TOP (MD)     BOTTOM (MD)     SACKS CEMENT*     SCREEN (MD)     SIZE       29.     LINER RECORD     32.     ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       4304-4513'     20 SHOTS     27/8"     4239'       33. *     PRODUCTION     AMOUNT AND KIND OF MATERIAL USED       4304-4513'     20 SHOTS     24 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       4304-4513'     PRODUCTION     ACD W//2000 GALS 15% NEFE ACID       33. *     PRODUCTION     AMOUNT AND KIND OF MATERIAL USED       34.     PRODUCTION     Shut-In)     PROD       35.     PRODUCTION     SATE OF TEST     HOURS TESTED       36.     PRODUCTION     GAS-MCF	4304-4513' PAD	DOCK								
CASING SIZE/GRADE       WEIGHT, LB./FT.       DEPTH IST (MD)       HOLE SIZE       TOP OF CEMENT, CEMENTING RECORD       AMOUNT PULL         8 5/8"       24#       435'       12 1/4"       400 SX       CIRC 105         5 1/2"       17#       4729'       7 7/8"       1450 SX       CIRC 105         51/2"       17#       4729'       7 7/8"       1450 SX       CIRC 105         24#       435'       12 1/4"       400 SX       CIRC 105         51/2"       17#       4729'       7 7/8"       1450 SX       CIRC 105         28.       LINER RECORD       30.       TUBING RECORD       PACKER SET (IIII)       PACKER SET (IIII)         51/2"       10PT MIDE SIZE       DEPTH SET (MD)       PACKER SET (IIII)       PACKER SET (IIIII)         30.       TUBING RECORD (Interval, size and number)       SACKS CEMENT       SIZE       DEPTH SET (MD)       PACKER SET (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	DLLT, MG	D OTHER LOGS RUN		· · · ·		1		·	27.	
8 5/8"       24#       435"       12 1/4"       400 SX       CIRC 105         5 1/2"       17#       4729'       7 7/8"       1450 SX       CIRC 105         8.       LINER RECORD       30.       TUBING RECORD         SIZE       TOP (MD)       BOTTOM (MD)       SACKS CEMENT*       SCREEN (MD)       SIZE       DEPTH SET (MD)       PACKER SET (IIII)         31.       PERFORATION RECORD (Interval, size and number)       32.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513'       20 SHOTS       32.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513'       20 SHOTS       23.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513'       20 SHOTS       PRODUCTION       AMOUNT AND KIND OF MATERIAL USED         4304-4513'       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         53.*       PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-im)       PROD         07/17/99       PUMPING       PRODUCTION FOR       OIL-BBL       GAS-MCF.       WATER-BEL       GAS-OIL RATIO         07/18/99       24       CALCULATED       OIL-BBL       GAS-MCF.       WATER-BBL       OIL GRAVITY-API (COR										
5 1/2"       17#       4729'       7 7/8"       1450 SX       CIRC 145 I         29.       LINER RECORD       30.       TUBING RECORD         SIZE       TOP (MD)       BOTTOM (MD)       SACKS CEMENT'       SCREEN (MD)       SIZE       DEPTH SET (MD)       PACKER SET (I         27/8"       4239'       2       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513'       20 SHOTS       32.       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513'       20 SHOTS       4304-4513'       ACD W/2000 GALS 15% NEFE ACID         43.*       PRODUCTION       AMOUNT AND KIND OF MATERIAL USED         43.*       PRODUCTION       MOUNT STATUS (Producing or shut-in)         7/17/99       PUMPING       OIL-BBL.       GAS-MCF.       WATERBBL.       GAS-OIL RATIO         07/117/99       24       CALULATED       OIL-BBL.       GAS-MCF.       WATERBBL.       OIL GRAVITY-API (CORF         VOW. TUBING PRESS.       CASING PRESSURE       CALULATED       OIL-BBL.       GAS-MCF.       WATERBBL.       OIL GRAVITY-API (CORF         4. DISPOSITION OF GAS (sold, used for fuel, vented, etc.)       OWEN PUCKETT       OWEN PUCKETT       OWEN PUCKETT         5. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       Its of ATTACHMENTS <t< td=""><td></td><td></td><td></td><td><u> </u></td><td></td><td></td><td></td><td>NI, CEI</td><td>MENTING RECORD</td><td>CIRC 105 SX</td></t<>				<u> </u>				NI, CEI	MENTING RECORD	CIRC 105 SX
SIZE       TOP (MD)       BOTTOM (MD)       SACKS CEMENT*       SCREEN (MD)       SIZE       DEPTH SET (MD)       PACKER SET (I         31. PERFORATION RECORD (Interval, size and number)       32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513' 20 SHOTS       27/8"       4239'         33. *       PRODUCTION       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         33. *       PRODUCTION       ACD W/2000 GALS 15% NEFE ACID         4304-4513'       ACD W/2000 GALS 15% NEFE ACID         4304-4513'       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-in)         90/7/17/99       PUMPING       OIL-BBL.       GASMCF.       WATER-BBL.       GAS-OIL RATIO         07/18/99       24       CALCULATED       OIL-BBL.       GASMCF.       WATER-BBL.       OIL GRAVITY-API (CORF         40. DISPOSITION OF GAS (Soid, used for fuel, vented, etc.)       SOLD       TEST WITNESSED BY       OWEN PUCKETT         56. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       TEST WITNESSED BY       OWEN PUCKETT         56. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       Test witnessed by OWEN PUCKETT       OWEN PUCKETT         56. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       The foregoing and attached information is complete and correct as determined from all availabl	5 1/2"	17#	472	9'	7 7/8"	145	0 SX			CIRC 145 SX
SIZE       TOP (MD)       BOTTOM (MD)       SACKS CEMENT*       SCREEN (MD)       SIZE       DEPTH SET (MD)       PACKER SET (I         31. PERFORATION RECORD (Interval, size and number)       32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513' 20 SHOTS       27/8"       4239'         33. *       PRODUCTION       ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         33. *       PRODUCTION       ACD W/2000 GALS 15% NEFE ACID         4304-4513'       ACD W/2000 GALS 15% NEFE ACID         4304-4513'       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-in)         90/7/17/99       PUMPING       OIL-BBL.       GASMCF.       WATER-BBL.       GAS-OIL RATIO         07/18/99       24       CALCULATED       OIL-BBL.       GASMCF.       WATER-BBL.       OIL GRAVITY-API (CORF         40. DISPOSITION OF GAS (Soid, used for fuel, vented, etc.)       SOLD       TEST WITNESSED BY       OWEN PUCKETT         56. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       TEST WITNESSED BY       OWEN PUCKETT         56. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       Test witnessed by OWEN PUCKETT       OWEN PUCKETT         56. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       The foregoing and attached information is complete and correct as determined from all availabl		<u>.</u>				1				<u> </u>
2 7/8"       4239         31. PERFORATION RECORD (Interval, size and number)       32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513' 20 SHOTS       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         4304-4513' 20 SHOTS       4304-4513'       ACD W/2000 GALS 15% NEFE ACID         33. *       PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-in)         97/17/99       PUMPING       PROD' FOR       OILBBL.       GASMCF.         07/18/99       24       OIL-BBL.       GASMCF.       WATERBBL.       GAS-OIL RATIO         07/18/99       24       OIL-BBL.       GASMCF.       WATERBBL.       GAS-OIL RATIO         12/0W. TUBING PRESS.       CASING PRESSURE       CALCULATED       OIL-BBL.       GASMCF.       WATERBBL.       OIL GRAVITY-API (CORF         4. DISPOSITION OF GAS (Soid, used for fuel, vented, etc.)       TEST WITNESSED BY       OWEN PUCKETT       OWEN PUCKETT         5. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       Test witnessed by       OWEN PUCKETT         6. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records       OWEN PUCKET	29.	Lit	IER RECORD						TUBING RECORD	· · · · · · · · · · · · · · · · · · ·
31. PERFORATION RECORD (Interval, size and number)       32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.         4304-4513' 20 SHOTS       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         4304-4513' 20 SHOTS       4304-4513'       ACD W/2000 GALS 15% NEFE ACID         33. *       PRODUCTION       ACD W/2000 GALS 15% NEFE ACID         DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-in)         07/17/99       PUMPING       OIL-BBL.       GASMCF.       WATERBBL.       GAS-OIL RATIO         07/18/99       24       CHOKE SIZE       PROD'N FOR TEST PERIOD       OILBBL.       GASMCF.       WATERBBL.       GAS-OIL RATIO         44. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       SOLD       TEST WITNESSED BY       OWEN PUCKETT         5. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       OWEN PUCKETT       SOLD       OWEN PUCKETT         56. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records       SOLD       OWEN PUCKETT	SIZE T	OP (MD) BC	TTOM (MD)	SACKS CEMENT*	SCREEN (M	D)		1		PACKER SET (MD)
4304-4513' 20 SHOTS       DEPTH INTERVAL (MD)       AMOUNT AND KIND OF MATERIAL USED         4304-4513'       ACD W/2000 GALS 15% NEFE ACID         33.*       PRODUCTION         DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-in)         07/17/99       PUMPING       OILBBL.       GASMCF.       WATERBBL.       GASOIL RATIO         07/17/99       24       TEST PERIOD       64       66       817         07/18/99       24       OILBBL.       GASMCF.       WATERBBL.       GAS-OIL RATIO         07/18/99       24       OIL-BBL.       GASMCF.       WATERBBL.       OIL GRAVITY-API (CORF         44. DISPOSITION OF GAS       (Sold, used for fuel, vented, etc.)       OIL-BBL.       GASMCF.       WATERBBL.       OIL GRAVITY-API (CORF         54. DISPOSITION OF GAS       (Sold, used for fuel, vented, etc.)       OWEN PUCKETT       OWEN PUCKETT         55. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       OWEN PUCKET       OWEN PUCKETT         56. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records       OWEN PUCKET		i							1200	· · · · · · · · · · · · · · · · · · ·
4304-4513       20 SHOTS         4304-4513       ACD W/2000 GALS 15% NEFE ACID         33. *       PRODUCTION         DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-in)         07/17/99       PUMPING       PROD'N FOR       OILBBL.       GASMCF.       WATERBBL.       GAS-OIL RATIO         07/18/99       24       TEST PERIOD       64       66       817         *LOW. TUBING PRESS.       CASING PRESSURE       CALCULATED OILBBL.       GASMCF.       WATERBBL.       OIL GRAVITY-API (CORF         *A. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       SOLD       TEST WITNESSED BY       OWEN PUCKETT         SOLD       OWEN PUCKETT       SOLD       OWEN PUCKETT       SOLS       OWEN PUCKETT         S6. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records       Solador S	31. PERFORATION REC	ORD (Interval, size an	d number)		·					
DATE FIRST PRODUCTION METHOD (Flowing, gas lift, pumpingsize and type of pump) 07/17/99 PUMPING DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OILBBL. GASMCF. WATERBBL. GAS-OIL RATIO 07/18/99 24 CALCULATED 64 66 817 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 24-HOUR RATE 01LBBL. GASMCF. WATERBBL. OIL GRAVITY-API (CORF 24-HOUR RATE 01L	4304-4513' 20 SH	IOTS			·					
DATE FIRST PRODUCTION METHOD (Flowing, gas lift, pumpingsize and type of pump) 07/17/99 PUMPING DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OILBBL. GASMCF. WATERBBL. GAS-OIL RATIO 07/18/99 24 CALCULATED 64 66 817 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD TEST WITNESSED BY OWEN PUCKETT 35. LIST OF ATTACHMENTS LOGS, DEVIATION SURVEY 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records										
DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)       WELL STATUS (Producing or shut-in)         07/17/99       PUMPING       PROD'N FOR       OILBBL.       GASMCF.       WATERBBL.       GAS-OIL RATIO         07/18/99       24       TEST PERIOD       64       66       817         FLOW. TUBING PRESS.       CASING PRESSURE       CALCULATED 24-HOUR RATE       OILBBL.       GASMCF.       WATERBBL.       OIL GRAVITY-API (CORF         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       SOLD       TEST WITNESSED BY       OWEN PUCKETT         35. LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	33. *			PROF	UCTION		į			
07/18/99       24       TEST PERIOD       64       66       817         FLOW. TUBING PRESS.       CASING PRESSURE       CALCULATED       OIL—BBL.       GASMCF.       WATERBBL.       OIL GRAVITY-API (CORF         34.       DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       SOLD       TEST WITNESSED BY       OWEN PUCKETT         35.       LIST OF ATTACHMENTS       LOGS, DEVIATION SURVEY       OWEN PUCKETT       36.       I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			•			type of p	oump)			
24-HOUR RATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD 55. LIST OF ATTACHMENTS LOGS, DEVIATION SURVEY 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			CHOKE SIZE					•		GAS-OIL RATIO
A. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)     SOLD     OWEN PUCKETT     LIST OF ATTACHMENTS     LOGS, DEVIATION SURVEY     Solution of the foregoing and attached information is complete and correct as determined from all available records	LOW. TUBING PRESS.	CASING PRESSURE	24-HOUR RATE	OIL-BBL.	GAS-	MCF.	W	ATER-	-BBL. OIL C	GRAVITY-API (CORR.)
LOGS, DEVIATION SURVEY 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		AS (Sold, used for fuel			· · · · · · · · · · · · · · · · · · ·				1	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				_						
			hed information	s complete and co	prrect as determin	ned from	all available	record	ls	
SIGNED KOUL (OCHUN)ITLE PRODUCTION ANALYST DATE 07/20/99		obin (	า							/20/99

## \*(See Instructions and Spaces for Additional Data on Reverse Side)

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, fictitous or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all orill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

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FORMATION		ТОР	BOTTOM		DESCRIPTION, CONTENTS, ETC.	
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6. G		GICAL MARKERS		38.	GEOLOGICAL MARKERS	

NAME MEAS. DEPTI	T	ТОР		ТОР			
	MEAS. DEPTH	TRUE VERT. DEPTH	NAME	MEAS.		TRUE VERT. DEPTH	
ATES	1182'			, I	:		
UEEN	2053'						
AN ANDRES	2743'						
SLORIETTA	4173'	• • •	κ.	:			
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## MARBOB ENERGY CORPORATION BIRDIE FEDERAL #6 2310 FNL 2310 FEL, SEC. 17-T17S-R30E 30-015-30520

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Working Interest Owner	Percentage Interests
Marbob Energy Corporation P.O. Box 227 Artesia, NM 88210	25.00%
Pitch Energy Corporation P.O. Box 304	25.00%
Artesia, NM 88210	
Atlantic Richfield Company P.O. Box 1610 Midland, TX 79710-1610	50.00%
	100%