Form 3160-4 (October 1990)

INITED STATES DEPAR IMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUBMIT IN POLICATE* See other instruction on reverse side)

FOR APPROVED OMB NO. 1004-0137 Expires: December 31,1991

5. LEASE DESIGNATION AND SERIAL NO.

LC-054988-A

Ack Energy Corporation A DORESS AND TELEPHONE NO. A DORESS AND TELEPHONE NO. DO. BOY 896, Artesia, NM 88211-0960 LOCATION OF WELL (Report location clearly and in accordance with any state requirement) At total depth 2310 FNL 330 FWL 2310 FNL 330 FWL CASTON OF WELL (Report location clearly and in accordance with any state requirement) At total depth 2310 FNL 330 FWL 2310 FNL 330 FWL CASTON OF WELL (Report location clearly and in accordance with any state requirement) At total depth 2310 FNL 330 FWL CASTON OF WELL (Report location clearly and in accordance with any state requirement) Sec 21 T17S R30E Sec 21 T17S R30E 11. SEC.T., R., M., OR BLOCK AND SURVEY OR AREA 12. CASTON OF WELL (Report location clearly and in accordance with any state requirement) Sec 21 T17S R30E 12. CASTON OF BLOCK AND SURVEY OR AREA 13. STATE NAM Sec 21 T17S R30E 14. PERMIT NO. DATE ISSUED 15. ELEVATIONS (DF, RKS, RT, CR, ETC.) 19. ELEV. CASING HEAD 3646 TYES CABLE TOOLS A400-4826 Paddock 4400-4826 Paddock 12. WAS WELL CORED NO 25. WAS DIRECTIONAL SURVEY MADE 27. WAS WELL CORED NO 26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray CASING RECORD (Report all strings set in well) 13. 3/8 61 448 17 1/2 5255x None 5 1/2 15.5 4918 77/8 950sx None 5 1/2 15.5 4918 77/8 950sx None 15. PERFORATION RECORD (Interval, size and number) 16. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4400-4826 32,000 gals 20% NE acid 4400-4826 32,000 gals 20% NE acid	WELL COMPLETION OR RECOMPLETION REPORT AND LOG*										6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
NAME OF OPERATOR V WALL (OCOPPORATION ADDRESS AND TELEPHONE NO. ADDRES	a. TYPE OF WEL	L:	OIL X] "	RY 🔲	Other				7. UNIT AGR	EEMEN	T NAME	
NAME OF DEPEATOR V SACK Energy Corporation ABOR Energy Corporation ABOR SERVI A Federal #10 SAP Rederal	b. TYPE OF COM	PLETION:			·· ····		74	236	75670					
RANKE COPERATOR V ACCUMENTS AND TELEPHONE NO. ADDITISSS AND TELEPHONE NO. AS DATES AND TELEPHONE NO. AS DATES AND TELEPHONE NO. AS DATE SEASON AREA SEASON AR	NEW X	WORK OVER	DEEPEN	PLUG E	I		Other		ે જે	2 <u>-</u>	8. FARM O	R LEA	SE NAME, WELL NO	
ADDRESS AND TELEPHONE BO. O. BOX 980, Artesia, NM 8211-0960 (505) 748-728 O. BOX 980, Artesia, NM 82211-0960 (505) 748-728 TIO. FIELD AND POOL, OR WILDOW A surface WELL (Report location clearly and in accordance with any State requirements) At top prod. interval reported bolow 2310 FNL 330 FWL 2310 FNL 330 FWL 2310 FNL 330 FWL 30-0316 FND 500, OR NEGOCK AND SURVEY OR AREA At top prod. interval reported bolow A total depth 2310 FNL 330 FWL 2310 FNL 330 FWL 50 APTE ISSUED 12. COUNTY OR Sec 21 T17S R30E Sec 21 T17S R30E Sec 21 T17S R30E 12. COUNTY OR 13. SIANE Eddy 13. SIANE Eddy 14. PERMIT NO. DATE ISSUED 12. COUNTY OR Sec 21 T17S R30E 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 15. SIANE Eddy 16. CABLE TOUR Sec 21 T17S R30E 16. CABLE TOUR Sec 21 T17S R30E 17. CABLE TOUR Sec 21 T17S R30E 18. ELEVATIONS (PF, RNB, RT, OR, ETC.) 3657 3646 Sec 21 T17S R30E 19. ELEVA GABING HEAD 3657 3646 Sec 21 T17S R30E 19. ELEVA GABING HEAD 3657 3646 Sec 21 T17S R30E 19. ELEVA GABING HEAD 3657 3646 Sec 21 T17S R30E 19. ELEVA GABING HEAD 36469 36469 3657 3646 Sec 21 T17S R30E Sec 21 T17S R30	2. NAME OF OPERATOR V										Berry A Federal #10			
2.0. Box 960, Artesia, NM 882/11-0960 LOCATION OF WELL (Report focation clearly and in accordance with any State recurrence of the Color of the Col	Mack Energy (Corporatio	n				- 00	p. "					20200 26269	
LOCATION OF WELL (Report location clearly and in econdance with any State requirements of the state of the st	S. ADDRESS AND TELEPHONE NO.													
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SERIES PRUDDED 18. DATE TO, REACHED 17. DATE COMPL. (Robey to pool.) 18. ELEVATIONS (OF, RRS, RT, GR, ETC.)* 18. ELEV. CASING HEAD 3646 362199 3657					14 DEDMIT	NO.					1			
5.723/99 6/2/99 6/16/99 6/16/99 33657 3646 0. TOTAL DEPTH, ND & TVD 21. PLUG, BACK T.D., ND & TVD 4907 4907 4907 22. IF MULTIPLE COMPL. 123. INTERVALS POLICIES PRODUCTION INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): 4. CASING RECORD (Report all strings set in wall) 4. CASING RECORD (Report all strings set in wall) 4. CASING SIZEORADE WEIGHT, LB.FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 13. 3/8 61 448 17 1/2 5255x None 5. SIZE TOP (MD) BOTTOM (MD) BOTTOM (MD) BACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) POSS NONE 5. LINER RECORD 30. TUBING RECORD 5. LINER RECORD SOLD SIZE DEPTH SET (MD) PACKER SET (MD) 5. PERFORATION RECORD (Interval, size and number) SOLD SIZE DEPTH SET (MD) PACKER SET (MD) 5. PERFORATION RECORD (Interval, size and number) SOLD SIZE DEPTH SET (MD) AMOUNT AND KIND OF MATERIAL USED 4400-4826 3000 gals 15% NE acid 4400-4826 32,000 gals 20% NE acid 5. PRODUCTION 5. PRODUCTION METHOD (Rowney, pas site pumple) Sold Pumple) Producing Pro					14. PERMIT	NO.		DATE	122050		PARISH Edd	У	1	
0. TOTAL DEPTH, ND & TVD 4950 21. PLUIG, BACK T.D., ND & TVD 4950 22. IF MULTIPLE COMPL. NOW MANY? 23. INTERVALS POSS A4907 24. PRODUCING INTERVAL (3), OF THIS COMPLETION - YOP, BOTTOM, NAME (MD AND TVD): 44. PRODUCING INTERVAL (3), OF THIS COMPLETION - YOP, BOTTOM, NAME (MD AND TVD): 4400-4826 PADDOCK 4400-4826 PADDOCK 32. WAS DIRECTIONAL SURVEY MADE YES (6. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray 27. WAS WELL CORED NO 28. CASING SIZEGRADE WEIGHT, LEIFT DEPTH SET (MD) NO 28. CASING RECORD (Import all strings set in well) 13. 3/8 61 448 17. 1/2 52.555 X NO 85/8 24 10.88 17. 1/2 15.5 4918 77/8 95.05 X NO 19. LINER RECORD 30. TUBING RECORD 30. TUBING RECORD SIZE TO P (MD) SOTTOM (MD) SACKS CEMENT SCREEN (MD) 27/8 4849 31. PERFORATION RECORD (Interval, size and number) 27. WAS WELL CORED ADDOCK TO P (MD) SOTTOM (MD) SACKS CEMENT SCREEN (MD) 27/8 4400-4826 32,000 gals 15% NE acid 4400-4826 32,000 gals 20% NE acid 53. PRODUCTION PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and pipe of pump) 21/2 x 2 20 HVR 53. PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and pipe of pump) 21/2 x 2 20 HVR 34. 4400-4826 32,000 gals 20% NE acid 4400-4826 32,000 gals 20% NE acid 53. LINER PREST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and pipe of pump) 21/2 x 2 20 HVR 35. SOLD 36. I horeby certify that the foregoing and attached information is complete and correct as determined from all available records TITLE Production Analyst DATE PRODUCTION Analyst DATE 7/8/1999	5. DATE SPUDDED	16. DATE T.D. R	EACHED	17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, G						(B, RT, GR,	ETC.)*	19. EL		
4950 4950 4950 4950 4950 4950 4950 4950	5/23/99	6/2/	99		6/16/9	19	1		36	57			3646	
4. PRODUCTION FOR MANY	O. TOTAL DEPTH, MD	B TVD 21	. PLUG, BACK	T.D., MD & T\	/D 22						ROTARY TO	DLS	CABLE TOOLS	
A400-4826 Paddock Yes				4907		HOW MA	MY*		DRILL		Yes			
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray 27. WAS WELL CORED No 28. CASING RECORD (Report all strings set in well) CASING SIZE(GRADE WEIGHT, LE/FT DEPTH SET (MD) MOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 13 3/8 61 448 17 1/2 5255x None 8 5/8 24 1088 12 1/4 6005x None 5 1/2 15.5 4918 77/8 9505x None 5 1/2 15.5 4918 77/8 9505x None 15. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 27/8 4849 27. WAS WELL CORED AMOUNT PULLED AMOUNT PULLED 13 3/8 61 448 17 1/2 5255x None 8 5/8 24 1088 12 1/4 6005x None 5 1/2 15.5 4918 77/8 9505x None 15. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 27/8 4849 27. WAS WELL CORED NO. AMOUNT PULLED AMOUNT PULLED 30. TUBING RECORD AMOUNT PULLED 30. TUBING RECORD AMOUNT AND KIND OF MATERIAL USED 4400-4826 3000 gals 15% NE acid 4400-4826 32,000 gals 20% NE acid 50. LIBBL GAS-MCF. WATER-BBL G	4. PRODUCING INT	ERVAL (S), OF	THIS COMPL	ETION - TO	, воттом	, NAME (MD AND TVD)*							
Casing Record (Record (Record (Report all strings set in well)	4400-4826 Paddock												Yes	
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray CASING RECORD (Report all strings set in well) CASING RECORD (Report all strings set in well) 13 3/8 61 448 17 1/2 5255x None 8 5/8 24 1088 12 1/4 600sx None 5 1/2 15.5 4918 77/8 950sx None 5 1/2 15.5 4918 77/8 950sx None SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 51. PERFORATION RECORD (Interval, size and number) 12. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4400-4826 32000 gals 15% NE acid 4400-4826 32,000 gals 20% NE acid 4400-4826 32,000 gals 20% NE acid 4400-4826 32,000 gals 20% NE acid 6/30/1999 DATE OF TEST HOURS TESTED CHOKE SIZE PROON FOR 6/30/1999 24 WELL STATUS (Producing or Shut-in) Producing PROSULTION METHOD (Flowing, gas sift, pumping - size and type of pump) 21/2 x 2 20 HVR Shut-in) Producing CAS-OIL RATIO 6/30/1999 DATE OF TEST HOURS TESTED CHOKE SIZE PROON FOR 6/30/1999 24 SHOW THAT STEED SIZE PROON FOR 139 139 492 1418 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RAYE 98 139 492 1418 SIGNED CALCULATED 38. In hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED TITLE Production Analyst DATE 7/8/1999	6. TYPE ELECTRIC	AND OTHER LO	OGS RUN				-					27. W		
To p (Interval, Islae and number) Hole Size Top of cement, cementing record Amount pulled		Gamma R	lay, Neut	ron, Den	sity, Lat	teralog	j, Spectral	Gar	nma Ra	У			No	
13 3/8 61 448 17 1/2 525sx None 8 5/8 24 1088 12 1/4 600sx None 5 1/2 15.5 4918 7 7/8 950sx None 5 1/2 15.5 4918 7 7/8 950sx None 19. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) 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 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4400-4826 3000 gals 15% NE acid 4400-4826 32,000 gals 20% NE acid 4400-4826 32,000 gals 20% NE acid 33. PRODUCTION DATE FIRST PRODUCTION 6/123/1999 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 20 HVR Producing 6/23/1999 OLE-BL. GAS-MCF. WATER-BBL. GAS-OIL RATIO 15. PRODUCTION FIRST PRODUCTION FIRST PERIOD 98 139 492 1418 FLOW. TUBING PRESS. CASING PRESSURE 24-HOUR RATE 98 139 492 1418 34. DISPOSITION OF GAS (Sold, used for fuel, ventod, etc.) Sold TITLE Production Analyst DATE 7/8/1999	28.			CAS	ING REC	ORD (F	Report all string	s set i	in well)					
10 10 10 10 10 10 10 10	CASING SIZE/GRADE	WEIGHT,	LB./FT	DEPTH SE	T (MD)	НО	LE SIZE	E SIZE TOP O		EMENT, CEMENTING RECORD			AMOUNT PULLED	
10 10 10 10 10 10 10 10	13 3/8 61			44	448 1			7 1/2		525sx			None	
SIZE TO P (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 13. TUBING RECORD SIZE TO P (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 14. PERFORATION RECORD (Interval, size and number) 15. PERFORATION RECORD (Interval, size and number) 16. PERFORATION RECORD (Interval, size and number) 17. PERFORATION RECORD (Interval, size and number) 18. PERFORATION SIZE DEPTH SET MADER SIZE DEPTH S				1088			2 1/4		600sx		X		None	
19. LINER RECORD SIZE TO P (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 30. TUBING RECORD SIZE TO P (MD) BOTTOM (MD) 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 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4400-4826 3000 gals 15% NE acid 4400-4826 32,000 gals 20% NE acid 4400-4826 32,000 gals 20% NE acid 4400-4826 32,000 gals 20% NE acid MELL STATUS (Producing or shul-in) Producing PRODUCTION BY AUTHOR STATUS (Producing or shul-in) Producing 6/23/1999 DATE OF TEST 6/30/1999 24 CALCULATED TEST PERIOD POR GAS (ASIM PRESSURE CALCULATED 24-HOUR RATE PS PRODUCTION PS PRODUCTION PS										950sx		None		
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4400-4826 32,000 gals 20% NE acid 4400-4826, 1/2, 86 33. PRODUCTION DATE FIRST PRODUCTION 6/23/1999 DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD 98 139 492 1418 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 24-HOUR RATE 98 139 Sold Sold Sold Sold TITLE Production Analyst DATE 7/8/1999							DEPTH INT	ERVA	L (MD)	AMC				
4400-4826 32,000 gals 20% NE acid 4400-4826, 1/2, 86 33. PRODUCTION DATE FIRST PRODUCTION 6/23/1999 DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD 98 139 492 1418 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 24-HOUR RATE 98 139 Sold Sold Sold Sold TITLE Production Analyst DATE 7/8/1999							4400)-48	26		3000 gals 15% NE acid			
A400-4826, 1/2, 86 PRODUCTION DATE FIRST PRODUCTION 6/23/1999 DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N TORM CHOKE SIZE PROD'N TORM CHOKE SIZE PROD'N TORM TEST PERIOD 98 139 492 1418 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 98 139 492 OIL-BBL. GAS-MCF. WATER-BBL. GAS-OIL RATIO 1418 GAS-MCF. WATER-BBL. OIL GRAVITY - API (CORR.) 38 38 39 30 30 31 31 31 31 31 32 33 34 35 36 36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED TITLE Production Analyst DATE 7/8/1999	4400-4826									3	32,000 gals 20% NE acid			
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DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD 98 139 492 1418			PRODUCTIO	N METHOD (FA	owing, gas lift									
6/30/1999 24 TEST PERIOD 98 139 492 1418 FLOW. TUBING PRESS. CASING PRESSURE 24-HOUR RATE 24-HOUR RATE 98 139 GAS-MCF. 139 WATER - BBL. 492 OIL GRAVITY - API (CORR.) 38 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED TITLE Production Analyst DATE 7/8/1999			rep lo	HOKE SIZE	PROD'N				GAS-MC	F.	WATER-BBI	T	GAS- OIL RATIO	
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 98 139 492 38 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED TITLE Production Analyst DATE 7/8/1999					TEST PI	ERIOD	98		13	9	492	1	1418	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED TITLE Production Analyst DATE 7/8/1999				CALCULATED				ICE.				OIL GR		
Sold 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED	FLOW. TUBING PRES	S. CASING PR		M HOLID DATE		1					OIL GRA			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED	34. DISPOSITION C	F GAS (Sold,	used for fuel,	vented, etc.)			Sold							
SIGNED Cusa D. Cout TITLE Production Analyst DATE 7/8/1999	35. LIST OF ATTAC	HMENTS												
SIGNED Cusa D. Cout TITLE Production Analyst DATE 7/8/1999														
SIGNED COULT &	36. I hereby certify	y that the fore	going and	attached in	formation	is comp	lete and corre	ect as	determin	ed from a	all available	record	s	
4(0 1 4 4) 1 5 A J JUL - 1 D 4 - 2 D 014)	SIGNED	usa	مي) (ج	ut	TIT	LE	Produ	ıctic	n Analy	st	DAT	E	7/8/1999	
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