SUBMIT IN TRIPLICATE.

Form approved. Budget Bureau No. 42-R1425.

(May 1963)	UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY						30-045- 5. LEASE DESIGNATION NM-12235		
A DDI ICATION	I FOR PERMIT			OR F	PLUG B	ACK	6. IF INDIAN, ALLOTTER	OR TRIBE NAME	_
	TOR PERIOR	O DIVILL,	DEEL ET	, 01. 1	<u> </u>				
	LL 🖾	DEEPEN		PL	UG BAC	:к 🗆	7. UNIT AGREEMENT N	AME	_
	S X OTHER		SINGI ZONE	. X	MULTIPE ZONE		8. FARM OR LEASE NAME Southland	18	-
2. NAME OF OPERATOR							9. WELL NO.		
	rion and Rober	t L. Bayles	SS				5		
3. ADDRESS OF OPERATOR							10. FIELD AND POOL, C		_
P.O. Box 1541,	, Farmington, N	M 87401	DA.A		mta B\		WAW Fruitlan		iffs
4. LOCATION OF WELL (R. At surface			th any Stat	e requireme	ents.~)		11. SEC., T., R., M., OR		4
1850	FNL & 1850 FEL	1					AND SURVEY OR AS	EA	`
At proposed prod. zon Same							Sec. 11, T26	-	_
14. DISTANCE IN MILES	ND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE®				12. COUNTY OR PARISH	1	
Approximate	ely 17 miles so	uth of Farm	nington	, NM			San Juan	N.M.	_
15. DISTANCE FROM PROPO	SED*		16. NO. O	F ACRES IN	LEABE		OF ACRES ASSIGNED HIS WELL		
LOCATION TO NEAREST PROPERTY OR LEASE L (Also to mearest drig	INE, FT. : unit line, if any)	1850 ft.		1120			160		-
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	7500 ft.	19. PROPC	1310		20. 8012	Rotary		_
21. ELEVATIONS (Show who	ther DF, RT, GR, etc.)						22. APPROX. DATE WO	BK WILL START*	
6065 ft. GL							November	15, 1979	_
23.	:	PROPOSED CASI	NG AND C	EMENTIN	G PROGRA	M		·	_
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT		SETTING DEPTH			QUANTITY OF CEMENT		
9-3/4"	7" 23 1		b. 90 ft.			3	30 sacks		
5"	2-7/8"	6.4 11	·	1310 ft.		150 sacks circulated to sur		urf.	
Will drill 9-3/ with 30 sacks 0 2-7/8" EUE, C-4 circulated to s culating medium	Class "H" cemen sourface. No ab n will be clear	t. Will drand cement normal pres	ill 5" with l ssures tural m	hole to the sactor temporate tem	to 1310 cs Clas peratur d water	ft. a s "H" es are loss	nd run 1310 ft with 2% D-79 c anticipated. control additi	. of ement, Cir- ves.	
Will run Induct from this forma			Lowout	prevent	er sno	емакъс	altached. In	e_gas	

_		ESTIMATED TOPS	/ ~~ \	
	FORMATION	DEPTH	CONTENT	
	Ojo Alamo	Surface	1 000	1 4079
	Kirtland	60 '	0 00	COLEGIO
	Fruitland	8 35 †	G. 52/	Anna/(Care)
	Pic. Cliffs	1195'	Name Table Gas	101- 27 3 3
			MC LOVE ST	DADY.
			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive time and new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

prevented programmes and a second		
Original Signed By BIGNED ROBERT L. BAYLESS	Co-Owner Co-Owner	DATE Oct. 19, 1979
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

oh Frak

NMOCC

*See Instructions On Reverse Side

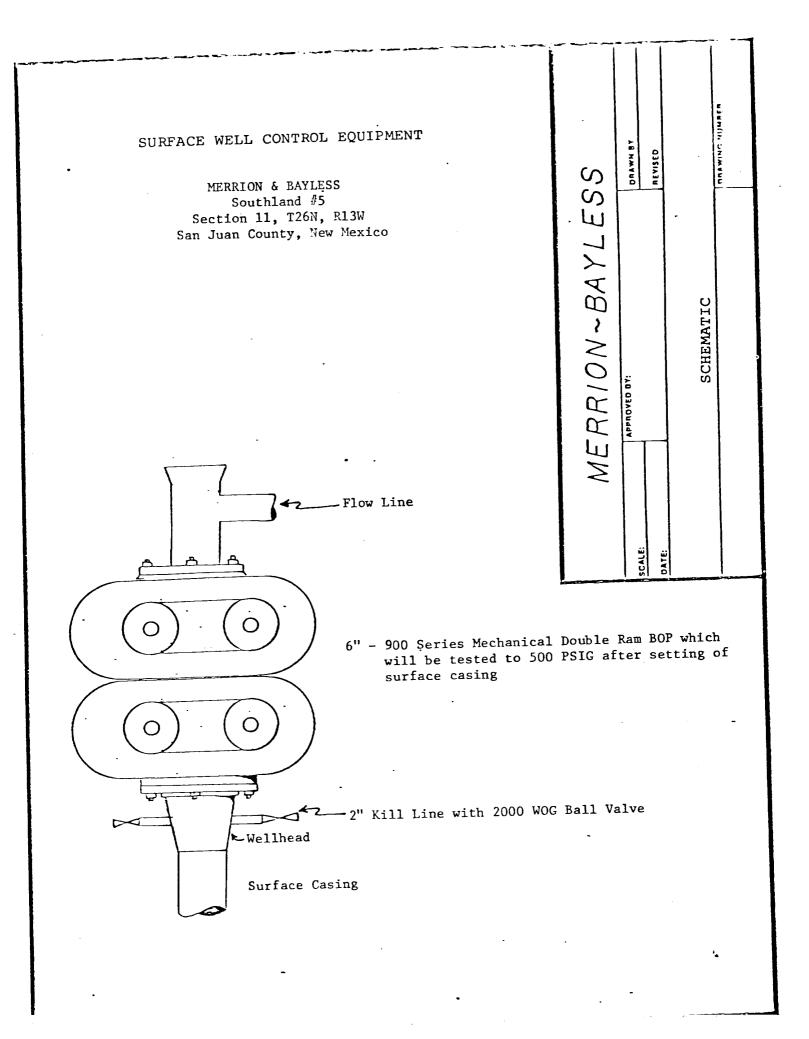
OIL CONSERVATION DIVISION

STATE OF NEW MEXICO LHERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-78

SOUTHLAND Section Section Township Receiption South Receiption South Receiption R			All distances	must be from	n the cuter he	oundaries (1	The Section.		1
Section Particles Description Township Renew Property	Operator								Well No.
County C	• MERRION & BAYLESS								
Acres Todays Location of Well: 1850 feet from the North Inc and 1850 feet tong the East Inc across Committee of Control (1974) and 1850 feet tong the Pactured Cliffs 1. Outline the acressed edicated to the subject well by colored pencil or hachter marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwine) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby carrify that the inframentan consumed bear on this plat was platted from take on this plat was platted from take on the state of the consumers of the platter of the series of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the platter of the layer of my through the consumers of the layer of the consumers of the layer of the consumers of			Township		Range		1		
The trium the North town and 1850 feet from the East to the Constitute of Processor Forestion of Co55 1. Outline the acreage dedicated to the subject well by colored pencil or harbure marks on the plat below. 2. If more than one lesse is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lesse of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Sec. 11. Sec. 12. If more than one lesse is dedicated to the well unitially been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Sec. 1850: Date of the first Artificial Art	G I	1 1 1 1 1 2 1 2			Sa_	n Juan			
Productor Formation Pictured Cliffs Pictured C	Actual Footage Location	of Well;							
Power Productive Formation Power	1850	et from the	North	line and	1850	fee	t from the	East	line
1. Outline the acreage dedicated to the subject well by colored peacil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "yea," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Sec. Sec. 12. If more than one lease of different ownership is dedicated to the well, have the interests, has been enconsolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Sec. 1850: Certification I hereby certify that the well interior to the best of my local to the well interest to the best of my local to the well interests and the second of the form field and the second of the form of the form field and the second of the form of the form field and the second of the form of the form of the form field and the form field and the second of the form of the form field and the field. Dote for field by defense of the form field and field and field and field. Dote for field by defense of the field and field and field and field. Dote field by defense of the field and			mation		Pool				
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If enswer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the infarmation contained herein is true and complete to the best Organic Signed by Robert L. Bayless Position Co-Owner Commony CERTIFICATION I hereby certify that the infarmation contained herein is true and complete to the best Organic Signed by Robert L. Bayless Dotte Superior, 12, 1979 I have by certify that the infarmation contained herein is true and complete to the best of my knowledge and balled. Dote Superior, 12, 1979 Dote Superior, 12, 1979 Dote Superior, 12, 1979 Certification, unitization, unitizati	-	Pictured	Cliffs	l	WAW Fri	iitland/H	rictured	Cliffs	100 Acres
Yes No If answer is "yes," type of consolidation	2. If more than interest and re	one lease is oyalty).	dedicated t	to the well	, outline es	ch and ide	ntify the c	ownership t	hereof (both as to working
Sec. 18501 Sec. 18501 I hereby certify that the information contained herein is true and complete to the best organisation and best of the property of the	If answer is this form if ne No allowable v	No If and 'no,' list the cessary.)	owners and	tract desci	riptions whi	ich have ac	ctually bee	en consolid	ated. (Use reverse side of
Sec. 1850 1850 Sec. 1850 1850 Tolinad herein is true and complete to the best of my knowledge and the formal	sion.								CERTIFICATION
Sec. Position Co-Owner Company MERRION & BAYLESS								best of ROB	rein is true and complete to the grand Signed By ERT L. BAYLESS
Sec. Company MERRION & BAYLESS Date October 17, 1979 I hereby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed, 144, 2 October 17, 1979 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Fig. 1772 Certified Fortessional Engineer and or Land Surveyer 2 Fig. 1772 Fig						- 0-1		Position	
Sec. I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by me ar under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Supervision, and that the same is true and correct to the best of my knowledge and belief. Date Supervision, and that the same is true and correct to the best of my knowledge and belief.					◎ - 	1850'		Company	
shown on this plat was plotted from field notes of actual surveys made by me are under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed J LAND OCHORER 12, 1977. Registered Professional Engineer and or Land Surveyer 2 (2017) Private Professional Engineer and or Land Surveyer 2 (2017) Certificate Possessional Engineer and or Land Surveyer 2 (2017) Private Possessional Engineer and or Land Surveyer 2 (2017) Private Possessional Engineer and or Land Surveyer 2 (2017) Private Possessional Engineer and October 12, 1978.		l I Se	ec.					Date	•
October 12, 197 Registered Professional Engineer and or Land Surveyor The Certific te Portage 3950				11				shown on notes of under my is true	n this plat was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my
3950		 			 			Octobe Registered and or Lan	Professional Engineer ad Surveyor
0 330 660 90 1320 1680 1980 2310 2640 2000 1800 1000 500 0 1	3950								



SURFACE USE AND OPERATIONS PLAN

MERRION & BAYLESS Southland #5 Section 11, T26N, R13W

- 1 & 2. A topographical map is attached showing location of drillsite and access road to location; new roads are color coded on the location map. The terrain is relatively flat and no improvements are planned on existing roads. A drive in truck mounted drilling rig will be used and will be driven in to the location with our road work. Our planned access road will be twelve feet in width, and will follow the existing terrain. No turnouts, culverts or cuts and fills are anticipated on the proposed access. In addition, natural drainage and surfacing material will be used.
 - 3. Wells within one mile radius are shown on the topographical map.
 - 4. A. Existing facilities owned or controlled by the Operator and shown on the attached map are as follows: wellheads.
 - B. No new facilities are contemplated.
 - C. Disturbed areas will be reseeded per BLM specifications.
 - 5. A. Water will be hauled from the San Juan River.
 - B. Truck will haul water on proposed access route shown.
 - 6. No construction materials will be used.
 - 7. Methods of disposal of waste materials:
 - A. Cuttings will be buried in drilling pit.
 - B. Drilling fluids will be buried in drilling pit.
 - C. No produced fluids are anticipated.
 - D. Sewage will be buried.
 - E. Garbage and other waste material will be buried.
 - F. Operator will clean up, fill, and level pits and reseed location per BLM specifications.
 - 8. No ancillary facilities.
 - 9. Wellsite layout attached.
 - 10. Restoration of drillsite -- pits will be filled and leveled and reseeded per BLM specifications immediately after completion.
 - 11. Other information: the lease is on Navajo Tribal surface land. The drillsite is fairly level, arid land with very little vegetation. There is no other surface use or facilities existent. An archeological survey statement will be furnished.
 - 12. Operator representive: Robert L. Bayless (505) 325-5093 P.O. Box 1541 Farmington, NM 87401

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statments made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Merrion & Bayless and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Original Signed By ROBERT L. BAYLESS

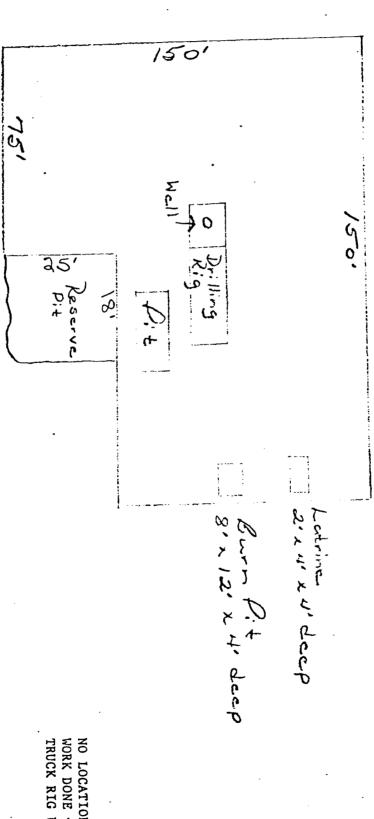
Date

ROBERT L. BAYLESS

Co-Owner

Merrion & Bayless

Southland #5
Section 11, T26N, R13W
San Juan County, New Mexico MERRION & BAYLESS



NO LOCATION LEVELING WORK DONE - DRIVE-IN TRUCK RIG USED.

