P.O. Box 1980, Hobbs, NM 88241-1980

District !1

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-101 Revised October 18, 1994

Instructions on back Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

AMENDED REPORT

	APP	LICATION	I FOR I	PERMIT TO	DRILL, RE	-ENTER, DEE	PEN, PLUG	BACK, OR AD	D A ZONE
		1 Operator Na					· · · · · · · · · · · · · · · · · · ·		2 OGRID Number
Apache Co	spache Corporation attn: Dennis Bickford; 3rd floor								
2000 Post	Oak Blv	d. Ste. 100)						3 API Number
Houston, 1	Texas 77	056-4400	ı						30-025- 35767
4 Property Code					5 Property Name	,			6 Well No.
23112					Southland	Royalty "A"			12
<u> </u>	7 S								
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Н	9	21-S	37-E		1830	North	600	East	Lea
			8 Pro	posed Bo	ttom Hole L	ocation If Diff	erent From	Surface	<u> </u>
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
		9 Propos	sed Pool 1					10 Proposed Pool 2	
		Penrose :	Skelly:	Grayburg (50350)				
11 Work Ty	pe Code	12 Well Typ	pe Code	13 Cab	ie/Rotary	14 Lease Ty	pe Code	15 Gr	ound Level Elevation
N		0		R		8		3464' KB	
16 Mul	tiple	17	Proposed	Depth	18 f	Ormation	19	Contractor	20 Spud Date
		4250				Grayburg			ASAP
	.,	01	5			ng and Cemer			
12 1/4"		Casing 8 5/8"	Size	24#	veight/foot	Setting D 1250	Depth	Sacks of Cement 435 SXS	Circulate to Surf
7 7/8"		5 1/2"		15.5#		4250		760 sxs	Circulate to Surf
								700 0/0	Circulate to Cali
1									
						ne data on the present	productive zone a	nd proposed new	
					LUG BACK give to		productive zone a	and proposed new	
productive zone	. Describe the	e blowout preve	ention prog	ram, if any. Use	additional sheets	if necessary.		nd proposed now f 8 5/8" and cel	ment,
productive zone. Propose to	Describe the	blowout preve 1/4" hole to	ontion prog	or 50' into	additional sheets	if necessary.			ment,
Productive zone Propose to Lead: 300	Describe the drill 12 of sxs Cla	blowout preve 1/4" hole to .ss "C" + a	o 1250' additives	or 50' into	additional sheets	if necessary.			ment,
Productive zone Propose to Lead: 300 Tail: 135	Describe the drill 12 of sxs Classxs Class	blowout preve 1/4" hole to ss "C" + a s "C" + ad	o 1250' dditives ditives	ram, if any. Use or 50' into S	additional sheets Anhydrite Fo	if necessary. ormation, run &			ment,
productive zone Propose to Lead: 300 Tail: 135 Drill 7 7/8"	Describe the drill 12 of sxs Classxs Class hole to 4	e blowout preve 1/4" hole to ss "C" + a s "C" + ad 250', run 8	o 1250' dditives ditives set 42	ram, if any. Use or 50' into s 250' of 5 1/2	additional sheets Anhydrite Fo 2" casing an	if necessary. ormation, run &			ment,
Productive zone Propose to Lead: 300 Tail: 135 Drill 7 7/8" Lead: 510	Describe the drill 12 of Describe the Sxs Clas sxs Clas hole to 4 Describe the	blowout preve 1/4" hole to ss "C" + ad s "C" + ad 250', run & 65 POZ: C	o 1250' dditives ditives & set 42 Class "C	ram, if any. Use or 50' into s 250' of 5 1/2	additional sheets Anhydrite Fo 2" casing an	if necessary. ormation, run &			ment,
Productive zone Propose to Lead: 300 Tail: 135 Drill 7 7/8" Lead: 510	Describe the drill 12 of Describe the Sxs Clas sxs Clas hole to 4 Describe the	blowout preve 1/4" hole to ss "C" + ad s "C" + ad 250', run & 65 POZ: C	o 1250' dditives ditives & set 42 Class "C	ram, if any. Use or 50' into s 250' of 5 1/2	additional sheets Anhydrite Fo 2" casing an	if necessary. ormation, run &			ment,
Productive zone. Propose to Lead: 306 Tail: 135 Drill 7 7/8" Lead: 510 Tail: 250 s	Describe the drill 12 of original 12	e blowout preve 1/4" hole to ss "C" + ad s "C" + ad 250', run & 65 POZ: C s "C" + ado	o 1250' dditives ditives & set 42 Class "C	or 50' into or 50' into s 250' of 5 1/2" " + additive	additional sheets Anhydrite Fo 2" casing an	if necessary. ormation, run &			ment,
Productive zone Propose to Lead: 306 Tail: 135 Drill 7 7/8" Lead: 510 Tail: 250 s	Describe the drill 12 of drill 12 of sxs Clas sxs Clas hole to 4 sxs 35:6 xs Class	n blowout preve 1/4" hole to ss "C" + ad s "C" + ad 250', run & 65 POZ: C s "C" + add on: See a	o 1250' dditives ditives & set 42 Class "C ditives	or 50' into s 250' of 5 1/2 " + additive	additional sheets Anhydrite Fo 2" casing an es	if necessary. ormation, run &			
Productive zone. Propose to Lead: 300 Tail: 135 Drill 7 7/8" Lead: 510 Tail: 250 s	odrill 12 of sxs Class c	a blowout preve 1/4" hole to ss "C" + ad s "C" + ad 250', run & 65 POZ: C s "C" + add on: See a	o 1250' dditives ditives & set 42 class "Cditives trachec	or 50' into S 250' of 5 1/2 " + additive	additional sheets Anhydrite Fo 2" casing an es	if necessary. ormation, run &	set 1250' c		
Productive zone. Propose to Lead: 300 Tail: 135 Drill 7 7/8" Lead: 510 Tail: 250 s	odrill 12 of sxs Class c	a blowout preve 1/4" hole to ss "C" + ad s "C" + ad 250', run & 65 POZ: C s "C" + add on: See a	o 1250' dditives ditives & set 42 class "Cditives trachec	or 50' into s 250' of 5 1/2 " + additive	additional sheets Anhydrite Fo 2" casing an es	ormation, run &	set 1250' c	f 8 5/8" arıd cel	
Propose to Lead: 300 Tail: 135 Drill 7 7/8" Lead: 510 Tail: 250 s	odrill 12 of sxs Class c	a blowout preve 1/4" hole to ss "C" + ad s "C" + ad 250', run & 65 POZ: C s "C" + add on: See a	o 1250' dditives ditives & set 42 class "Cditives trachec	or 50' into S 250' of 5 1/2 " + additive	additional sheets Anhydrite Fo 2" casing an es	ormation, run &	k set 1250' d	f 8 5/8" arıd cel	ION DIVISION
Productive zone. Propose to Lead: 300 Tail: 135 Drill 7 7/8" Lead: 510 Tail: 250 s Blow Out 1 23 Thereby certito the best of my Signature: 0 Printed Name:	o drill 12 of sxs Clas sxs Clas hole to 4 of sxs 35:6 xs Class	a blowout preve 1/4" hole to ss "C" + ad 250', run 6 55 POZ: C 6"C" + add on: See a ormation given nd belief.	o 1250' dditives ditives & set 42 class "Cditives trachec	or 50' into S 250' of 5 1/2 " + additive	additional sheets Anhydrite Fo 2" casing an es	d cement.	Set 1250' o	f 8 5/8" arıd cel	ION DIVISION

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 58211-0719

DISTRICT IV

DISTRICT III 1000 Rio Brazos Rd., Axtec, NM 87410

P.O. BOX 2086, BANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
30-025-35767	50350	Penrose Skelly; Grayburg	
Property Code 23112		erty Name) ROYALTY "A"	Well Number
OGRID No. 873		ator Name CORPORATION	Elevation 3464
	~ .	· • · · ·	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Н	9	21 S	37 E		1830	NORTH	600	EAST	LEA
Bottom Hole Location If Different From Surface									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
				<u> </u>					
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.				
40				İ					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

 	DARD CIVIT HAD DE		
		SPC NMEZ NAD 1927 Y=545979.9 X=861470.8	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Cold Swain
			Certificate No. RONALD SEIDSON 3239 ROPESSION 12641

DISTRICT I P.O. Box 1980, Hobbs, NM 88841-1980 State of New Mexico

Energy, Minerale and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
For Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 86211-0719

DISTRICT IV

DISTRICT III 1000 Rio Brazos Ed., Astec, NM 67410

P.O. BOX 2088, SANTA FE, N.M. 87504-2068

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
30-025-35767	50350	Penrose Skelly; Grayburg	
Property Code 23112	_	erty Name) ROYALTY "A"	Vell Number
OGRID No. 873	-	ator Name CORPORATION	Elevation 3464

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Н	9	21 S	37 E		1830	NORTH	600	EAST	LEA

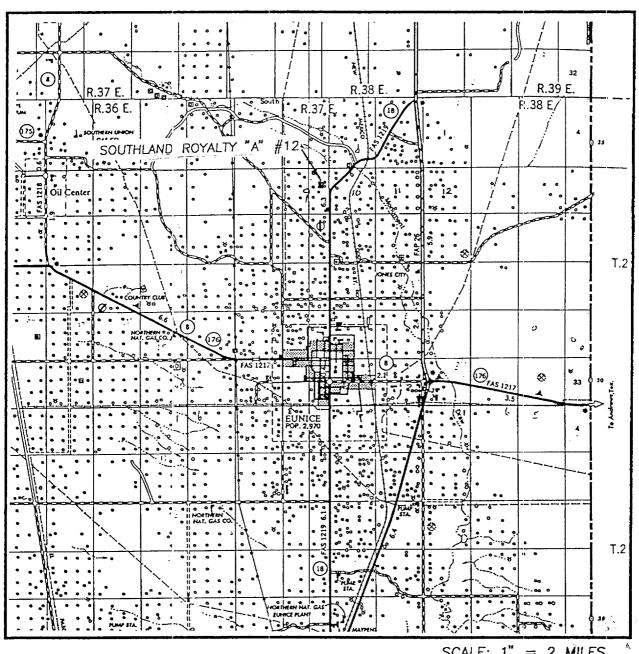
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	a Joint o	r Infill C	onsolidation	Code Or	der No.	<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
40		ľ							

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION I haveby certify that the information contained harvin is true and complete to the best of my bandledge and billed. SIGUITHLAND ROY. A IP Title SURVEYOR CERTIFICATION I haveby certify that the use! location shown on this plat uses plotted from field notes of actual curveys made by me or under my supervisors, and that the same is frue and curved in the base of my bandled from field notes of actual curveys made by me or under my supervisors, and that the same is frue and curved in the base of my bandled from field notes of actual curveys and that the same is frue and curved in the base of my bandled from field notes of actual curveys. NOVEMBER 5, 2001 Date Surveyad WKT Signature & Seal of Professional Surveyor			
SURVEYOR CERTIFICATION I hereby certify that the util location shown on this plat was plotted from field nates of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. NOVEMBER 5, 2001 Date Surveyed WKT Signature & Seal of Professional Surveyor	1812.5.	SCIUTHLAND ROY. A 12	I hereby certify the the information contained herein is true and complete to the best of my knowledge and bakes. Signature Harold Swain Printed Name Engineering Tech
NOVEMBER 5, 2001 Date Surveyed WKT Signature & Seal of Professional Surveyor	Stut-	4LAND ROY, #6	Date SURVEYOR CERTIFICATION I hereby certify that the will location shown on this plat was plotted from field nates of actual surveys made by me or under my supervison, and that the same (s true and current to the best of my belief;
Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641			NOVEMBER 5, 2001 Date Surveyed WKT Signature & Seal of Professional Surveyor O1-11-1167 Certificate No. RONALD J. EIDSON 3239

VICINITY MAP



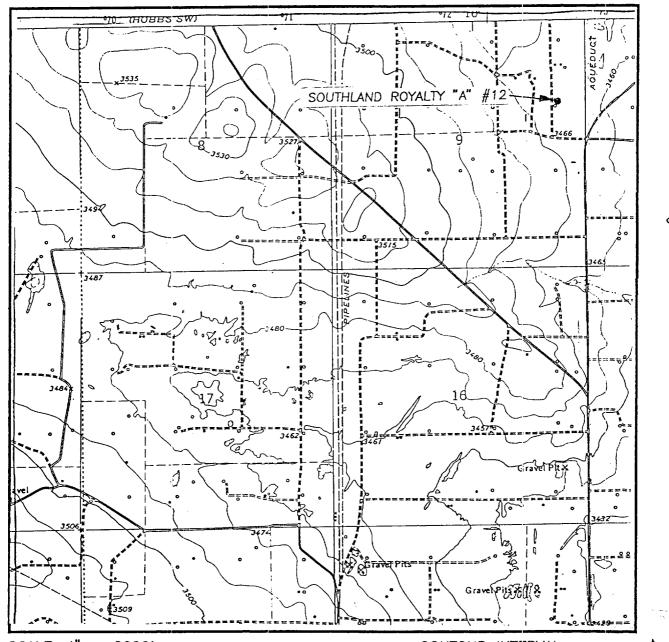
SCALE: 1'' = 2 MILES

SEC. <u>9</u> T	WP. <u>21-S</u> RG	E. <u>37-1</u>	<u> </u>
SURVEY	N.M.P.M		
COUNTY	LEA		
DESCRIPTION	810' FNL &	2080'	FEL
ELEVATION	3464	<u></u>	
OPERATOR	APACHE COF	RPORATIO	ON

LEASE SOUTHLAND ROYALTY "A"

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1'' = 2000'

SEC. 9 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY____LEA___

DESCRIPTION 1830' FNL & 600' FEL

ELEVATION 3464

OPERATOR APACHE CORPORATION

LEASE SOUTHLAND ROYALTY "A"

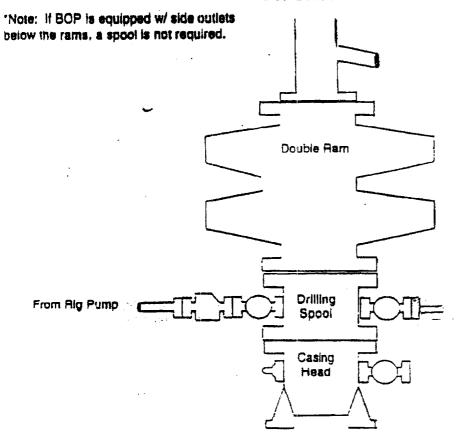
U.S.G.S. TOPOGRAPHIC MAP

HOBBS SW, N.M. EUNICE, N.M.

CONTOUR INTERVAL: HOBBS SW, N.M. 5' EUNICE, N.M. 10'

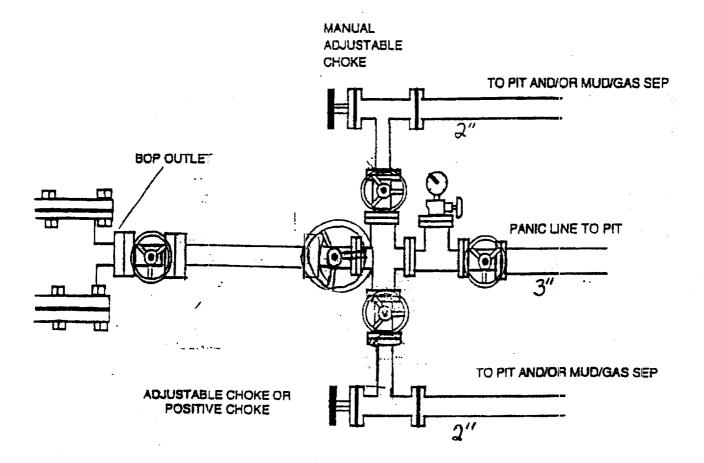
JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

BOP Schematic



2 000 psi WP Double Ram Blow-out Preventor. Must be tested to 1000 psi prior to drilling out 8-5/8" surface casing.

Choice Manifold Schematic



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ABOVE DATE DOES NOT INDICATE WHEN CONFIDENTIAL LOGS WILL BE RELEASED