District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address.	[2] OGRID Number
Amerind Oil Company Limited Partnership 415 West Wall Street, Suite 500 Midland TX 79701-4467	000671
	[3] API Number 30 - 025 - 33385

[4] Property Code	[5] Property Name	[6] Well No.
24504	Gallagher State Com	2-X

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	2	16S	35E		2646	North	2299	West	Lea

[8] Proposed 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
7	2	16S	35E		2300	North	2300	East	Lea

[9] Proposed Pool 1	[10] Proposed Pool 2
Morrow (Undesignated)	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
D	G	Rotary (pulling unit)	S	3992'

[16] Multiple	[17] Proposed Depth	[18] Formation	[19] Contractor	[20] Spud Date
No	12,766' MD (12,320' TVD)	Mississippian	Pride Well Service	4/30/99

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
4-3/4"	3-1/2" liner	9.3 # N-80	12,766' MD	To be determined	see below

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Plan is to squeeze Strawn perfs at 11,572' - 11,583' in the existing Gallagher State No. 2 well, drill out below 5-1/2" casing set at 11,797', directionally drill to target top of Morrow formation at 2300' FNL and 2300' FEL of section 2, TD in Mississippian lime. Set 3-1/2" liner at approximately 11,400' in existing 5-1/2" casing. Complete in Morrow formation. (BOP Schematic attached.)

Permit Expires 1 Year From Approval Date Unless ~~Drilling~~ Underway
Deepen

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: [signature]

Printed name: Robert C. Leibrock

Title: General Partner

Date: April 7, 1999

Phone: 915/682-8217

OIL CONSERVATION DIVISION

Approved by: [illegible] WILLIAMS

Title: [illegible]

Approval Date: [illegible] 1999 Expiration Date:

Conditions of Approval:
Attached ☐

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

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

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
30-025-33385	—	Wildcat

Property Code	Property Name	Well Number
24504	GALLAGHER STATE COM	2-X

OGRID No.	Operator Name	Elevation
000671	AMERIND OIL COMPANY, LTD.	3992

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	2	16 S	35 E		2646	NORTH	2299	WEST	LEA

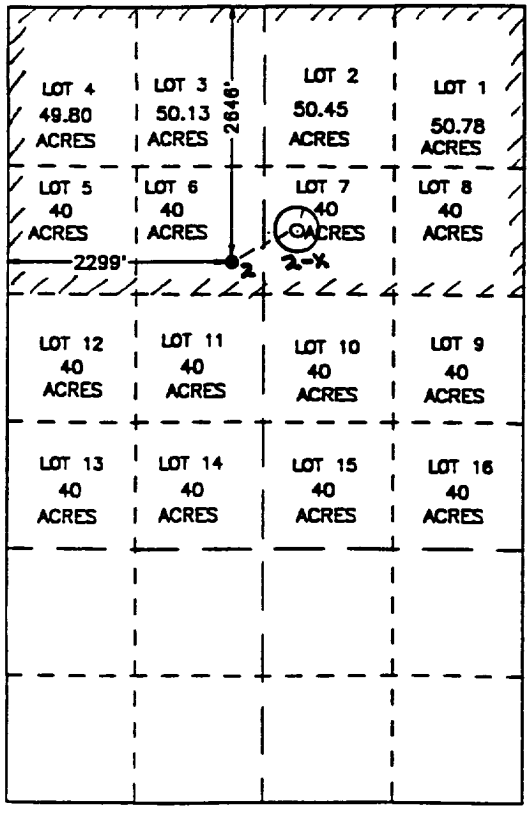
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
7	2	16 S	35 E		2300	NORTH	2300	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
361.16			

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

Lots 3, 4
State of New Mexico
Lease No.
E-3003-1



SCALE: 1" = 2000'

Lots 1, 2, 5, 6, 7
State of New Mexico
Lease No. LG-0478

Lot 8
State of New Mexico
Lease No. VA-0604

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Robert C. Leibrock
Printed Name

General Partner
Title

March 3, 1999
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted 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 belief.

APRIL 10, 1996
Date Surveyed J. JLP

Signature & Seal of Professional Surveyor

3239

4-11-96

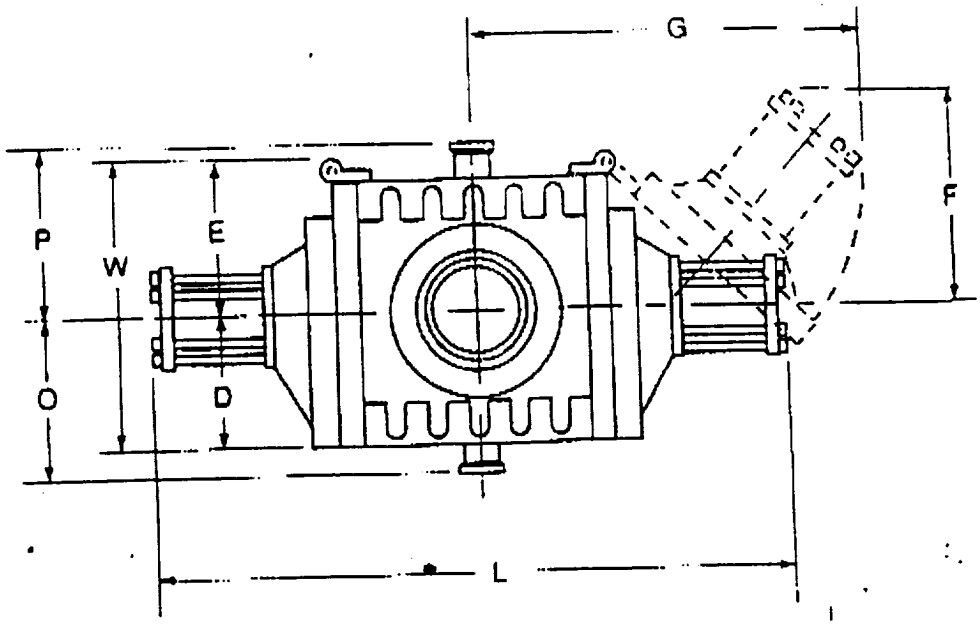
W.O. Num. 96-11-0438

Certificate No. JOHN W. WEST. 676
RONALD J. EIDSON. 3239

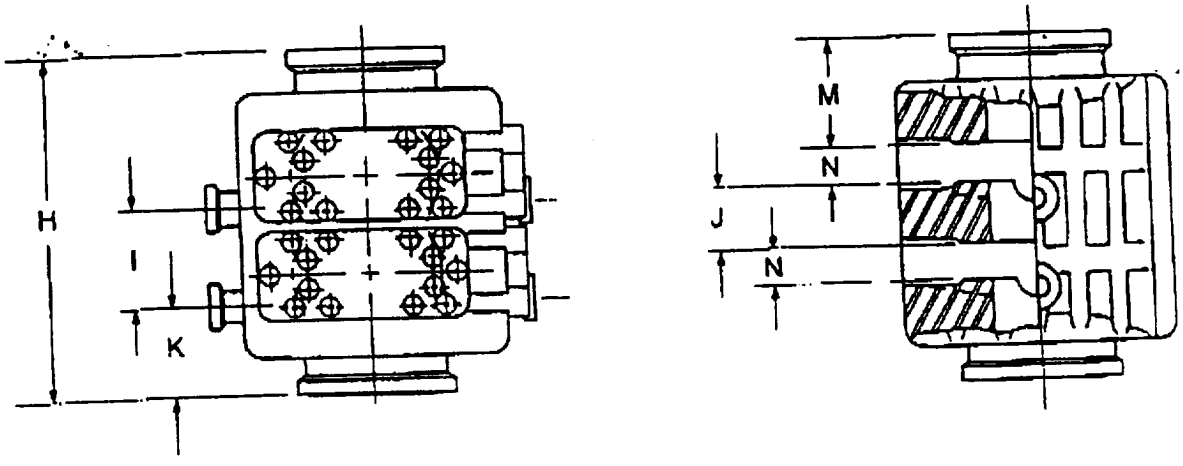
SHAFFER HYDRAULIC BOP

Type LWS-6", 3000 AND 5000 PSI

DIMENSION DRAWINGS



DOUBLE



DIMENSIONAL AND ENGINEERING DATA ON ABOVE SIZES OF TYPE LWS PREVENTERS
Refer to Figs. 40 and 41

Size	Max. Service Press. Rating PSI	Test Press. PSI	Vertical Bore	Max. Ram Size	Approx. Weight Lbs. Studded Flange		H Height				W	L	O	P	F	G				
							Single		Double											
					Single	Double	Studded Flange	Bolted Flange	Studded Flange	Bolted Flange	Width	Length	Center To Front	Center To Rear	Door Open To Change Rams	Door Open To Change Rams	Closing Ratio	Opening Ratio	U.S. Gals. Fluid To Close Rams	U.S. Gals. Fluid To Open Rams
6"	3,000	6,000	7⅛"	5¼"	1,800	2,400	26¾"	26¾"	29¾"	29¾"	21¼"	58"	9¾"	12¼"	21"	34"	4.44 to 1	1.78 to 1	1.01	.85
6"	5,000	10,000	7⅝"	5⅜"	1,800	2,900	13¾"	27¾"	27¾"	32¾"	21¼"	58"	9¾"	12¼"	21"	34"	4.44 to 1	1.78 to 1	1.01	.85
10"	3,000	6,000	11"	8½"	2,400	4,320	16½"	27¾"	29¾"	42"	28¼"	72¾"	11½"	14⅝"	21"	42"	4.44 to 1	1.26 to 1	1.56	1.3

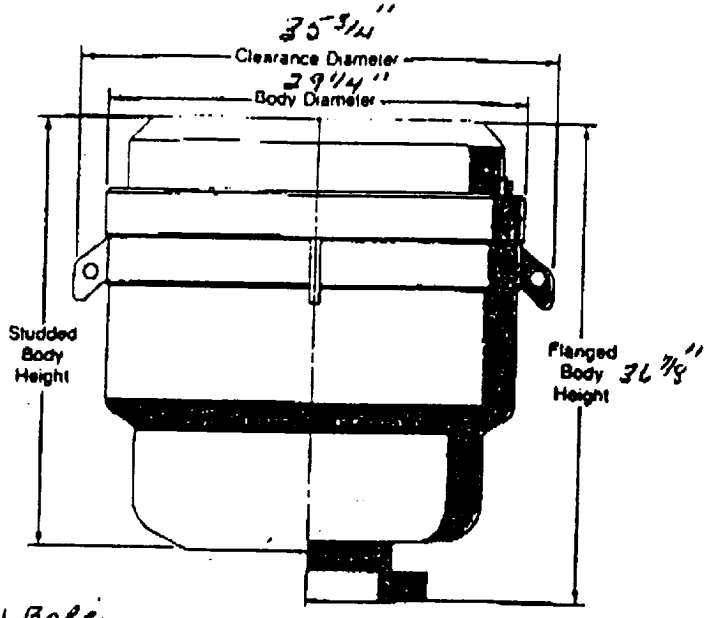


Figure 97
Exterior Dimensional View of GK BOP with Flanged or Studded Connection

TABLE 14—AVERAGE CLOSING PRESSURE (PSI) TO ESTABLISH SEAL OFF IN GK BLOWOUT PREVENTERS FOR SURFACE INSTALLATIONS

Pipe O.D. Inches	4⅛-5M & 10"	6-3M	6-5M	7¹/₁₆-10M	8-3M	8-5M	9-10M	10-3M	10-5M	11-10M	12-3M	13⅝-5M	13⅝-10M	16-2M	16-3M	16¾-5M	18-2M
2⅜	—	—	—	—	—	—	—	—	—	—	450	550	—		450		500
2⅞	—	—	—	—	—	—	350	† 450	450		500	600	—		500		550
3½	—	350	350	350	400	450	380	450	450		† 550	† 650	† 525		† 550		† 600
4	450	400	400	550	† 450	† 550	† 570	† 550	† 550		600	700	640		600		650
4½	525	† 650	† 650	† 750	550	† 650	760	650	650		700	750	815		700		700
5	675	500	500	850	650	† 750	860	750	750		800	800	885		800		750
5½	800	600	600	900	750	850	850	850	850		900	900	990		950		850
6⅝	875	700	700	1,000	850	950	1,000	950	950		1,000	1,000	1,050		1,000		950
7	1,200	1,000	1,000	1,150	1,050	1,150	1,150	1,150	1,150		1,150	1,150	1,150		1,150		1,150

The pressures shown are a guideline. Maximum packing unit life will be realized by use of the lowest closing pressure that will maintain a seal. For subsea applications, see the appropriate Operating's Manual for computation of best closing pressure.
*Recommended test pipe for maximum packing unit life
†Refer to Page 3672 in this catalog for further information.

TABLE 15—ENGINEERING AND DIMENSIONAL DATA—GK BLOWOUT PREVENTERS

Size and Working Pressure Rating	Full Open Bore	Flanged Bottom Connection Wt. (lbs.)	Studded Bottom Connection Wt. (lbs.)	Flanged Bottom Connection Height	Studded Bottom Height	Clearance Dia.	Body Dia.	**U.S. Gallons for Full Piston Stroke	Piston Stroke, Inches
7¹/₁₆"—5000 psi	6¹³/₁₆"	2,015	—	22¹⁵/₁₆"	—	—	25³/₁₆"	1.78	2⁹/₁₆"
7¹/₁₆"—10,000 psi	6¹³/₁₆"	2,650	—	25¹/₁₆"	—	—	28"	1.78	2⁹/₁₆"
7¹/₁₆"—3000 psi	7¹³/₁₆"	2,520	2,500	32"	27¹³/₁₆"	32"	26"	2.85	4¹/₁₆"
9"—5000 psi	7¹³/₁₆"	3,940	3,760	36¹/₁₆"	30¹³/₁₆"	35⁹/₁₆"	29¹³/₁₆"	3.86	4¹/₁₆"
11"—10,000 psi	7¹³/₁₆"	12,000	11,800	47¹/₁₆"	41¹³/₁₆"	49¹/₁₆"	41³/₁₆"	9.42	5¹/₁₆"
11"—3000 psi	9"	3,560	3,420	32⁷/₁₆"	32¹³/₁₆"	34¹/₁₆"	28"	3.33	5¹/₁₆"
11"—5000 psi	9"	6,800	5,740	41¹/₁₆"	36¹³/₁₆"	41"	34"	6.84	5¹/₁₆"
13⅝"—10,000 psi	9"	18,200	17,800	55¹/₁₆"	48¹³/₁₆"	56¹/₁₆"	50¹/₁₆"	15.90	6¹/₁₆"
13⅝"—3000 psi	11"	5,300	5,140	39¹/₁₆"	34¹³/₁₆"	40"	33¹/₁₆"	7.43	6¹/₁₆"
13⅝"—5000 psi	11"	8,250	7,800	47¹/₁₆"	40¹³/₁₆"	46¹/₁₆"	37¹/₁₆"	8.81	7¹/₁₆"
13⅝"—10,000 psi	11"	25,800	24,350	63¹/₁₆"	55	64¹/₁₆"	56¹/₁₆"	28.18	8"
16¾"—3000 psi	13¹/₁₆	8,754	8,527	45¹/₁₆"	39¹/₁₆	47¹/₁₆"	40¹/₁₆"	13.36	7¹/₁₆"
16¾"—5000 psi	13¹/₁₆	13,800	13,100	54¹/₁₆"	46	52¹/₁₆"	45¹/₁₆"	17.98	8¹/₁₆"
16¾"—10,000 psi	13¹/₁₆	33,525	32,851	72¹/₁₆"	63	68"	61"	34.53	9¾", 8, 10¹/₁₆"
18¾"—3000 psi	16¹/₁₆	11,417	11,100	49⁹/₁₆"	43¹/₁₆	53¹/₁₆"	46¹/₁₆"	17.42	8¹/₁₆"
18¾"—5000 psi	16¹/₁₆	14,864	14,470	53¹/₁₆"	47¹/₁₆	55¹/₁₆"	48¹/₁₆"	21.02	9"
21¼"—5000 psi	16¹/₁₆	20,130	20,000	61¹/₁₆"	54	59¹/₁₆"	53¹/₁₆	28.70	10¹/₁₆
21¼"—7500 psi	13¹/₁₆	18,000		53¹/₁₆"		55¹/₁₆"	48¹/₁₆	21.09	9¹/₁₆"

◆ Refer to Page 3672 in this catalog for further information.
* Information Only. Replaced by MSP 21"
** GK Blowout Preventers are furnished with [illegible] unless otherwise specified.
* Other models may have different [illegible]